




Product datasheet

Anti-STIP1/STI1 antibody ab233196

8 Images

Overview

Product name	Anti-STIP1/STI1 antibody
Description	Rabbit polyclonal to STIP1/STI1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Cow, Human Predicted to work with: Mouse, Rat, Cynomolgus monkey, Chinese hamster 
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human STIP1/STI1 aa 1-169. Two N-terminal tags. (Expressed in E.coli). Sequence: MEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVL YSNRSAAAYAK KGDYQKAYEDGCKTVDLKPDPWGKGYSRKAALFLNRF EEAKRTYEEGLK HEANNPQLKEGLQNMEARLAERKFMNPFNMPNLYQKLES DPRTRLLSDP TYRELIEQLRNKPSDLGTK Database link: P31948  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human cerebrum, liver, kidney, stomach, prostate cancer and colorectal cancer tissue. WB: Recombinant human STIP1/STI1 protein; Human lung lysate; Jurkat cell lysate; Cow testis and spleen lysates.
General notes	This product was previously labelled as STIP1

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is

Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab233196** in the following tested applications.

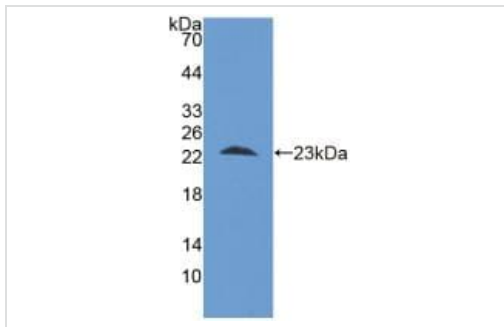
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 63 kDa.

Target

Function	Mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB).
Sequence similarities	Contains 2 STI1 domains. Contains 9 TPR repeats.
Domain	The TPR 1 repeat interacts with the C-terminal of HSC70. The TPR 4, 5 and 6 repeats (also called TPR2A domain) and TPR 7, 8 and 9 repeats (also called TPR2B domain) interact with HSP90.
Cellular localization	Cytoplasm. Nucleus.

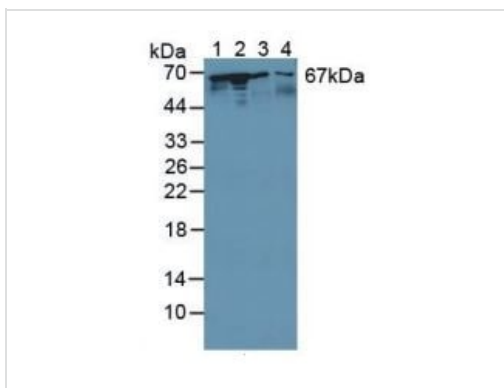
Images



Western blot - Anti-STIP1/STI1 antibody (ab233196)

Anti-STIP1/STI1 antibody (ab233196) at 2 µg/ml + Recombinant human STIP1/STI1 protein

Predicted band size: 63 kDa



Western blot - Anti-STIP1/STI1 antibody (ab233196)

All lanes : Anti-STIP1/STI1 antibody (ab233196) at 1 µg

Lane 1 : Human lung lysate

Lane 2 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

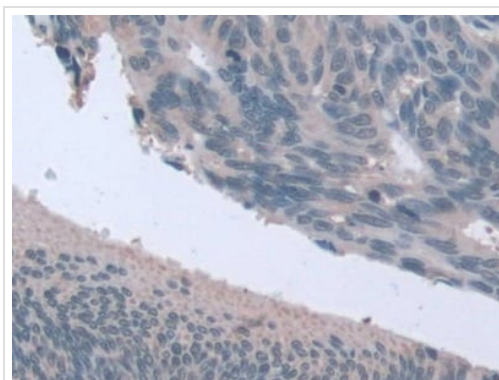
Lane 3 : Cow testis lysate

Lane 4 : Cow spleen lysate

Secondary

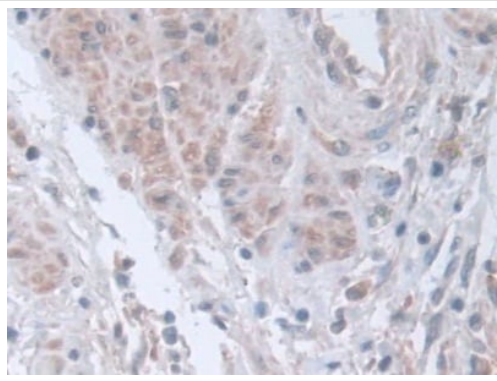
All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

Predicted band size: 63 kDa



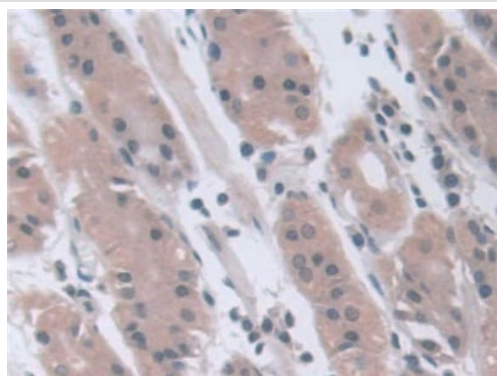
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

Formalin-fixed, paraffin-embedded human colorectal cancer tissue stained for STIP1/STI1 using ab233196 at 20 µg/mL in immunohistochemical analysis. DAB staining.



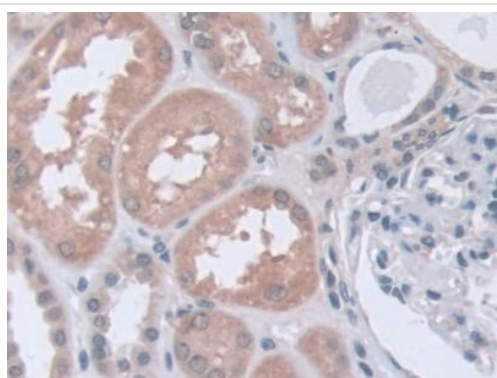
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

Formalin-fixed, paraffin-embedded human prostate cancer tissue stained for STIP1/STI1 using ab233196 at 20 µg/mL in immunohistochemical analysis. DAB staining.



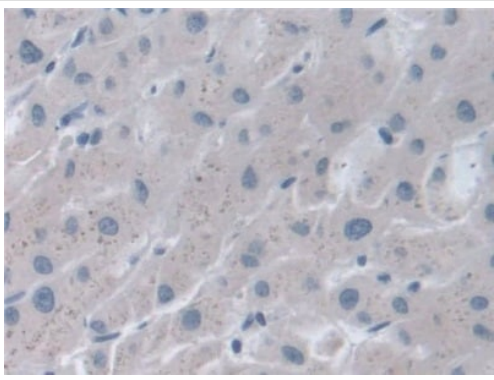
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

Formalin-fixed, paraffin-embedded human stomach tissue stained for STIP1/STI1 using ab233196 at 20 µg/mL in immunohistochemical analysis. DAB staining.



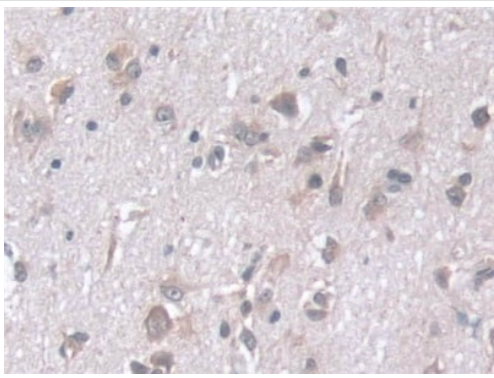
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

Formalin-fixed, paraffin-embedded human kidney tissue stained for STIP1/STI1 using ab233196 at 20 µg/mL in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

Formalin-fixed, paraffin-embedded human liver tissue stained for STIP1/STI1 using ab233196 at 20 µg/mL in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

Formalin-fixed, paraffin-embedded human cerebrum tissue stained for STIP1/STI1 using ab233196 at 20 µg/mL in immunohistochemical analysis. DAB staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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