




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 1-200. Two N-terminal tags. (Expressed in E.coli). 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	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p>

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: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.

Clonality	Polyclonal
Isotype	IgG

Applications

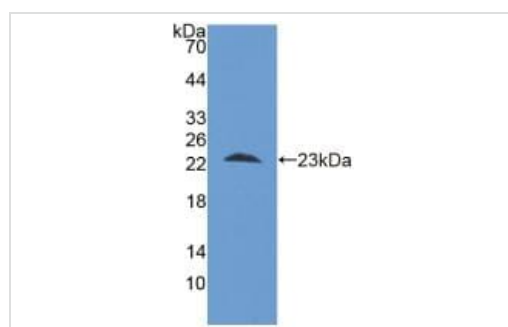
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233196 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 ST1 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.

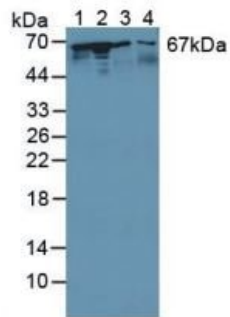
Images



Western blot - Anti-STIP1/ST1 antibody (ab233196)

Anti-STIP1/ST1 antibody (ab233196) at 2 µg/ml + Recombinant human STIP1/ST1 protein

Predicted band size: 63 kDa



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

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

Lane 1 : Human lung lysate

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

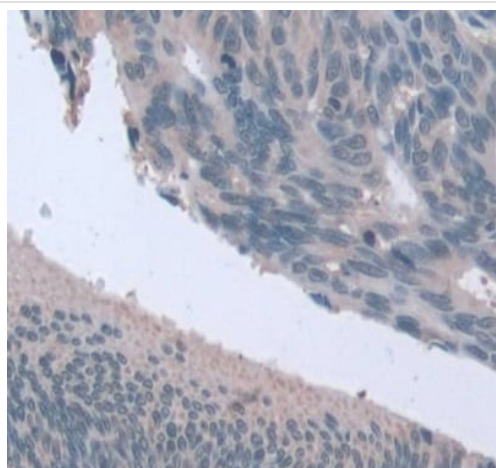
Lane 3 : Cow testis lysate

Lane 4 : Cow spleen lysate

Secondary

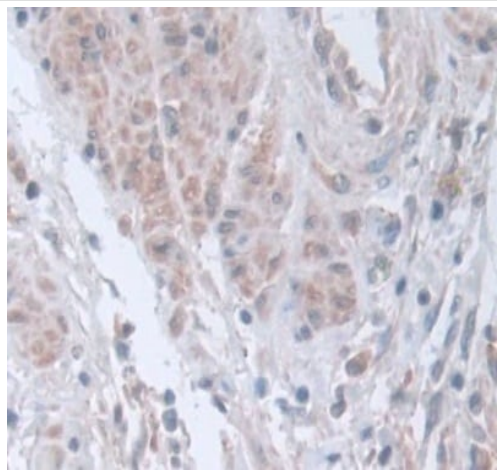
All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

Predicted band size: 63 kDa



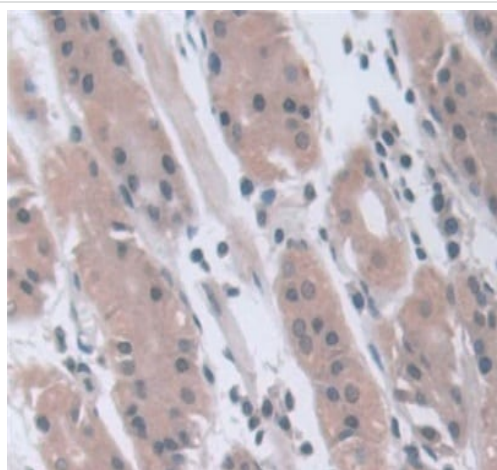
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody (ab233196)

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



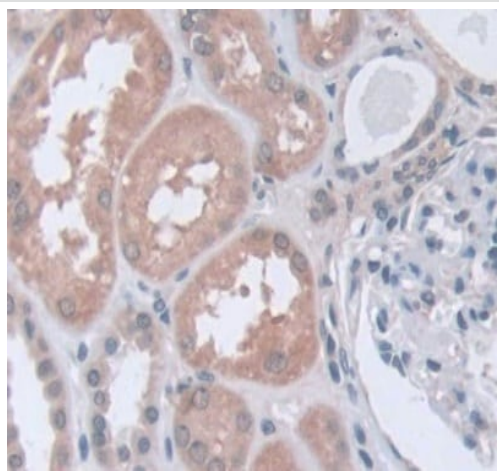
Formalin-fixed, paraffin-embedded human prostate cancer tissue stained for STIP1/STI1 using ab233196 at 20 $\mu\text{g}/\text{mL}$ in immunohistochemical analysis. DAB staining.

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



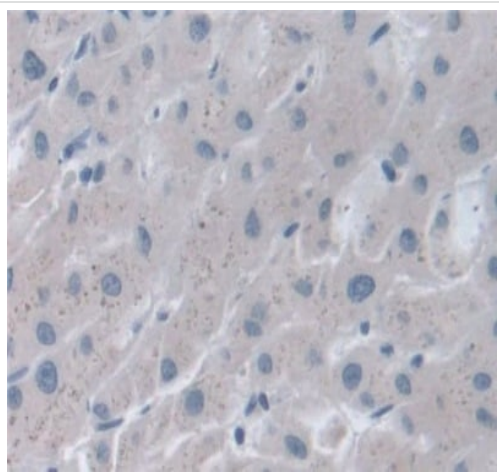
Formalin-fixed, paraffin-embedded human stomach tissue stained for STIP1/STI1 using ab233196 at 20 $\mu\text{g}/\text{mL}$ in immunohistochemical analysis. DAB staining.

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



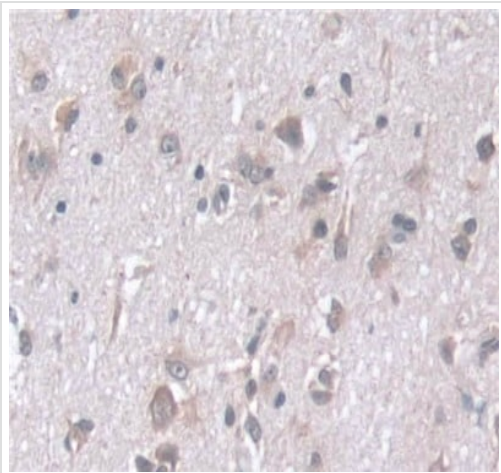
Formalin-fixed, paraffin-embedded human kidney tissue stained for STIP1/STI1 using ab233196 at 20 $\mu\text{g}/\text{mL}$ in immunohistochemical analysis. DAB staining.

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 $\mu\text{g}/\text{mL}$ 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.

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

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

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