

Product datasheet

Anti-Sts1 antibody ab155307

[2 References](#) [2 Images](#)

Overview

Product name	Anti-Sts1 antibody
Description	Rabbit polyclonal to Sts1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 117-649 of Human Sts1.
Positive control	Jurkat and THP-1 whole cell lysates; Human hepatoma tissue.
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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab155307 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
WB		1/1000 - 1/10000. Predicted molecular weight: 73 kDa.
IHC-P		1/100 - 1/1000.

Target

Function

Interferes with CBL-mediated down-regulation and degradation of receptor-type tyrosine kinases. Promotes accumulation of activated target receptors, such as T-cell receptors and EGFR, on the cell surface. Exhibits tyrosine phosphatase activity toward several substrates including EGFR, FAK, SYK, and ZAP70. Down-regulates proteins that are dually modified by both protein tyrosine phosphorylation and ubiquitination.

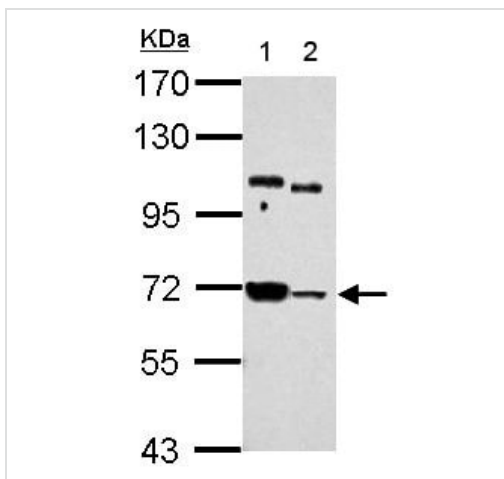
Sequence similarities

Contains 1 SH3 domain.
Contains 1 UBA domain.

Cellular localization

Cytoplasm. Nucleus.

Images



Western blot - Anti-Sts1 antibody (ab155307)

All lanes : Anti-Sts1 antibody (ab155307) at 1/5000 dilution

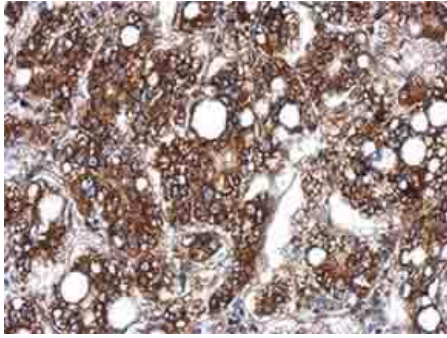
Lane 1 : Jurkat whole cell lysate

Lane 2 : THP-1 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 73 kDa

7.5% SDS PAGE



Immunohistochemical analysis of paraffin-embedded Human hepatoma tissue, labeling Sts1 with ab155307 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sts1 antibody (ab155307)

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