

Product datasheet

Anti-Sts1 antibody ab34781

2 References

Overview

Product name	Anti-Sts1 antibody
Description	Rabbit polyclonal to Sts1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, ELISA
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Dog, Human
Immunogen	Synthetic peptide corresponding to the C-terminus of mouse Sts-1.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab34781** 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		1/500 - 1/3000. Predicted molecular weight: 72 kDa.
ICC/IF		Use at an assay dependent dilution.
ELISA		1/2000 - 1/10000.

Application	Abreviews	Notes
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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.

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