

## Product datasheet

# Anti-Sts1 antibody ab34781

### 1 References

#### Overview

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

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.01% Sodium Azide Constituents: 0.15M Sodium chloride, 0.02M Potassium phosphate. pH 7.2
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	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.

## Target

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<b>Function</b>	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.
<b>Sequence similarities</b>	Contains 1 SH3 domain. Contains 1 UBA domain.
<b>Cellular localization</b>	Cytoplasm. Nucleus.

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