

STS2 Antibody

UBASH3A, ubiquitin associated and SH3 domain containing, A, TULA, T-cell ubiquitin ligand protein, Suppressor of T-cell receptor signaling 2, STS2 CBL-interacting protein 4, CLIP4

CATALOG NO.: 46-447

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

STS2 Antibody. This antibody is expected to recognize both reported isoforms (NP_061834.1 and NP_001001895.1).

SOURCE:

STS2 antibody was raised against a synthetic peptide near the N-terminus of STS2.

PROTEIN ACCESSION NUMBER(S) :

NP_061834.1, NP_001001895.1

SPECIES REACTIVITY:

Human, Mouse

TESTED APPLICATION:

E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:16,000.
Western Blot: Preliminary experiments gave bands at approx 55kDa and 25kDa in Human Bone Marrow, Lymph Node, Spleen and Tonsil lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 74.1kDa according to NP_061834.1 and 69.8kDa according to 061834.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional band).

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Kowanetz K, Crosetto N, Haglund K, Schmidt MH, Heldin CH, Dikic I. Suppressors of T-cell receptor signaling Sts-1 and Sts-2 bind to Cbl and inhibit endocytosis of receptor tyrosine kinases. J Biol Chem. 2004 Jul 30;279(31):32786-95. Epub 2004 May 24.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.