

Goat Anti-STS2 / TULA (internal) Antibody
Peptide-affinity purified goat antibody
Catalog # AF2046a**Specification**

Goat Anti-STS2 / TULA (internal) Antibody - Product Information

Application	IHC, E
Primary Accession	P57075
Other Accession	NP_001001895 , 53347
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	74123

Goat Anti-STS2 / TULA (internal) Antibody - Additional Information**Gene ID** 53347**Other Names**

Ubiquitin-associated and SH3 domain-containing protein A, Cbl-interacting protein 4, CLIP4, Suppressor of T-cell receptor signaling 2, STS-2, T-cell ubiquitin ligand 1, TULA-1, UBASH3A, STS2

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-STS2 / TULA (internal) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-STS2 / TULA (internal) Antibody - Protein Information**Name** UBASH3A**Synonyms** STS2

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, EGFR and PDGFRB, on the cell surface. Exhibits negligible protein tyrosine phosphatase activity at neutral pH. May act as a dominant-negative regulator of UBASH3B- dependent dephosphorylation. May inhibit dynamin-dependent endocytic pathways by functionally sequestering dynamin via its SH3 domain.

Cellular Location

Cytoplasm. Nucleus.

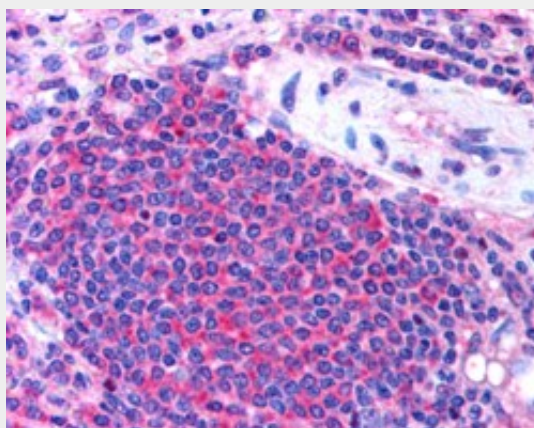
Tissue Location

Highest expression of UBASH3A in tissues belonging to the immune system, including spleen, peripheral blood leukocytes, thymus and bone marrow.

Goat Anti-STS2 / TULA (internal) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-STS2 / TULA (internal) Antibody - Images

AF2046a (2.5 µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-STS2 / TULA (internal) Antibody - References

Investigation of type 1 diabetes and coeliac disease susceptibility loci for association with juvenile idiopathic arthritis. Hinks A, et al. Ann Rheum Dis, 2010 Jul 20. PMID 20647273.

Variant of TYR and autoimmunity susceptibility loci in generalized vitiligo. Jin Y, et al. N Engl J Med, 2010 May 6. PMID 20410501.

Genome-wide association study and meta-analysis find that over 40 loci affect risk of type 1 diabetes. Barrett JC, et al. Nat Genet, 2009 Jun. PMID 19430480.

Shared and distinct genetic variants in type 1 diabetes and celiac disease. Smyth DJ, et al. N Engl J

Med, 2008 Dec 25. PMID 19073967.

Follow-up analysis of genome-wide association data identifies novel loci for type 1 diabetes. Grant SF, et al. Diabetes, 2009 Jan. PMID 18840781.