

ARG59952 anti-UBASH3B / Sts1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes UBASH3B / Sts1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	UBASH3B / Sts1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-300 of Human UBASH3B (NP_116262.2).
Conjugation	Un-conjugated
Alternate Names	Ubiquitin-associated and SH3 domain-containing protein B; p70; STS-1; Tyrosine-protein phosphatase STS1/TULA2; STS1; Cbl-interacting protein p70; T-cell ubiquitin ligand 2; Suppressor of T-cell receptor signaling 1; TULA-2; EC 3.1.3.48; TULA2

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain and SW620	
Observed Size	73 kDa	

Properties

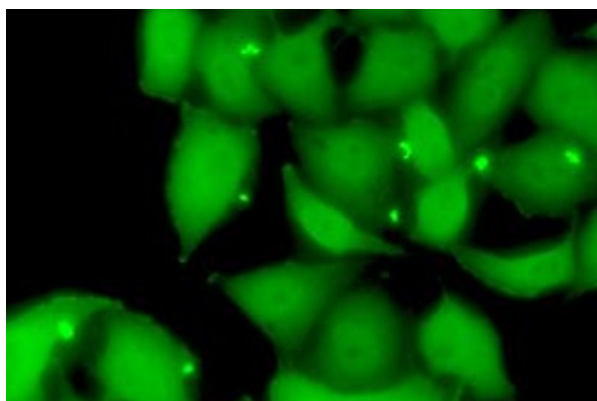
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

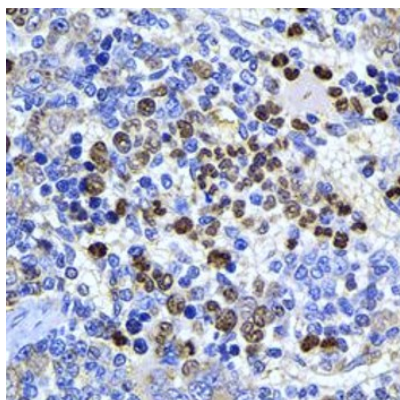
Gene Symbol	UBASH3B
Gene Full Name	ubiquitin associated and SH3 domain containing B
Background	This gene encodes a protein that contains a ubiquitin associated domain at the N-terminus, an SH3 domain, and a C-terminal domain with similarities to the catalytic motif of phosphoglycerate mutase. The encoded protein was found to inhibit endocytosis of epidermal growth factor receptor (EGFR) and platelet-derived growth factor receptor. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	73 kDa
Cellular Localization	Cytoplasm. Nucleus. [UniProt]

Images



ARG59952 anti-UBASH3B / Sts1 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG59952 anti-UBASH3B / Sts1 antibody.



ARG59952 anti-UBASH3B / Sts1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat spleen stained with ARG59952 anti-UBASH3B / Sts1 antibody at 1:100 dilution.

ARG59952 anti-UBASH3B / Sts1 antibody WB image

Western blot: 25 µg of Mouse brain and SW620 cell lysates stained with ARG59952 anti-UBASH3B / Sts1 antibody at 1:1000 dilution.

