

Rabbit ITCH Polyclonal Antibody | anti-ITCH antibody

ITCH Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28409	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

ITCH; Polyclonal Antibody; ITCH Rabbit pAb; ADMFD; AIF4; AIP4; NAPP1; anti-ITCH antibody

PRODUCT SPECIFICATIONS

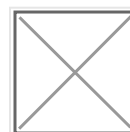
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	MPPKKDVPVK KPAGPSISKP AAKPAAAGAP PAKTKAEPAP PQAPQKTQEP PVDLSKVIE FNKDQLEEFK EAFELFDRVG DGKILYSQCG DVMRALGQNP TNAEVLKVLG NPKSDELKSR RVDFETFLPM LQAVAKNRGQ GTYEDYLEGF RVFDKEGNGK VMGAELRHVL TTLGEKMTEE EVETVLAGE DSNGCINYE FLKHILSV
Applicable Applications for anti-ITCH antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF/ICC: 1:50-1:200
Positive Samples	293T, NIH/3T3, C6, Mouse lung
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-155 of ITCH (NP_001244066.1).
Cellular Location	cell cortex, cytoplasm, cytoplasmic vesicle, cytosol, extracellular exosome, nucleoplasm, plasma membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using ITCH antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using ITCH antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using ITCH antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



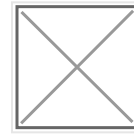
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using ITCH antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ITCH antibody at dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



WB (Western Blot)

Western blot analysis of extracts of 293T cells, using ITCH antibody at dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ITCH antibody	This gene encodes a member of the Nedd4 family of HECT domain E3 ubiquitin ligases. HECT domain E3 ubiquitin ligases transfer ubiquitin from E2 ubiquitin-conjugating enzymes to protein substrates, thus targeting specific proteins for lysosomal degradation. The encoded protein plays a role in multiple cellular processes including erythroid and lymphoid cell differentiation and the regulation of immune responses. Mutations in this gene are a cause of syndromic multisystem autoimmune disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Product Categories/Family for anti-ITCH antibody	Signal Transduction ; Cell Biology & Developmental Biology ; Apoptosis ; Ubiquitin ; Ubiquitin-Proteasome Signaling Pathway ; Notch Signaling Pathway ; Immunology & Inflammation ; NF-κB Signaling Pathway ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851001
NCBI GeneID	140465
NCBI Accession #	NP_001186558.1
NCBI GenBank Nucleotide #	NM_001199629.1
UniProt Accession #	P14649
Molecular Weight	22,764 Da
NCBI Official Full Name	myosin light chain 6B
NCBI Official Synonym Full Names	myosin, light chain 6B, alkali, smooth muscle and non-muscle
NCBI Official Symbol	MYL6B
NCBI Official Synonym Symbols	MLC1SA
NCBI Protein Information	myosin light chain 6B; myosin alkali light chain 1 slow a; myosin light chain 1 slow a; myosin light chain 1 slow-twitch muscle A isoform; myosin light chain 1, slow-twitch muscle A isoform; myosin, light polypeptide 6B, alkali, smooth muscle and non-musc
UniProt Protein Name	Myosin light chain 6B
UniProt Gene Name	MYL6B
UniProt Synonym Gene Names	MLC1SA; MLC1sa
UniProt Entry Name	MYL6B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/itch-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28409>