

Rabbit anti-Human, Mouse Itk Polyclonal Antibody | anti-Itk antibody

Mouse Itk Antibody (N-term)

CATALOG # AAA291020	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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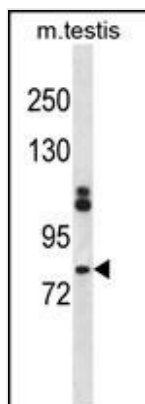
PRODUCT SYNONYMS

Itk; Polyclonal Antibody; Mouse Itk Antibody (N-term); Tyrosine-protein kinase ITK/TSK; IL-2-inducible T-cell kinase; Kinase EMT; Kinase TLK; T-cell-specific kinase; Emt; Tlk; Tsk; anti-Itk antibody

PRODUCT SPECIFICATIONS

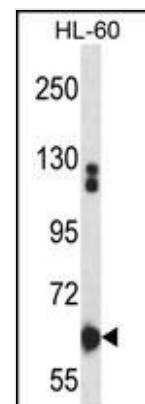
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This Mouse Itk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of mouse Itk.
Purity/Purification	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-Itk antibody	WB (Western Blot)
Antigen Region	24-53
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: WB 1:1000 Mouse Itk Antibody (N-term) (Cat. #AAA291020) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the Itk antibody detected the Itk protein (arrow).



WB (Western Blot)

Dilution: WB 1:1000 Mouse Itk Antibody (N-term) (Cat. #AAA291020) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the Itk antibody detected the Itk protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Itk antibody	Itk may play a role in T-cell development, potentially in thymic selection.
Product Categories/Family for anti-Itk antibody	Primary Antibodies; Signal Transduction
References	Joseph, R.E., et al. J. Mol. Biol. 403 (2):231-242 (2010)Dierks, C., et al. Cancer Res. 70 (15):6193-6204 (2010)Grasis, J.A., et al. Mol. Cell. Biol. 30 (14):3596-3609 (2010)Xia, M., et al. J. Immunol. 184 (12):6807-6814 (2010)Sahu, N., et al. PLoS ONE 5 (6), E11348 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	530354648
NCBI GeneID	16428
NCBI Accession #	NP_001268894.1; NP_001268895.1; NP_001268897.1; NP_034713.2
NCBI GenBank Nucleotide #	NM_001281965.1
UniProt Accession #	Q03526; Q08881
Molecular Weight	72,292 Da
NCBI Official Full Name	tyrosine-protein kinase ITK/TSK isoform 1
NCBI Official Synonym Full Names	IL2 inducible T cell kinase
NCBI Official Symbol	Itk
NCBI Official Synonym Symbols	Emt; Tsk; Tcsk
NCBI Protein Information	tyrosine-protein kinase ITK/TSK
UniProt Protein Name	Tyrosine-protein kinase ITK/TSK
UniProt Gene Name	Itk
UniProt Synonym Gene Names	Emt; Tlk; Tsk
UniProt Entry Name	ITK_MOUSE

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.