

Rabbit anti-Human, Mouse IL15 Polyclonal Antibody | anti-IL15 antibody

IL15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323461	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

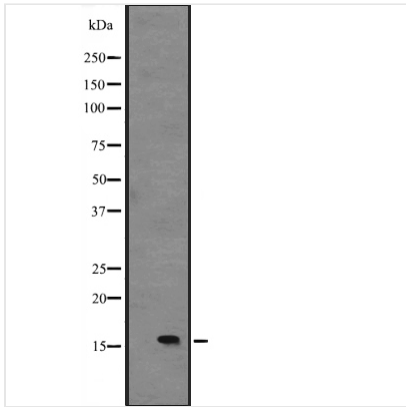
PRODUCT SYNONYMS

IL15; Polyclonal Antibody; IL15 Antibody; IL 15; IL-15; IL15_HUMAN; Interleukin 15; Interleukin-15; Interleukin15; MGC9721; anti-IL15 antibody

PRODUCT SPECIFICATIONS

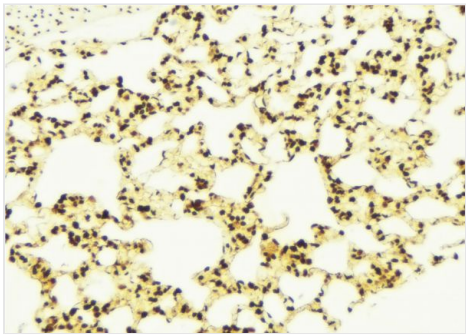
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IL15 antibody detects endogenous levels of total IL15
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	162
Applicable Applications for anti-IL15 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted and Cytoplasm. Nucleus. IL15-S21AA is not secreted, but rather is stored intracellularly, appearing in the nucleus and cytoplasmic components.
Tissue Specificity	Most abundant in placenta and skeletal muscle. It is also detected in the heart, lung, liver and kidney. IL15-S21AA is preferentially expressed in tissues such as testis and thymus.
Predicted Cross Reactivity	Horse, Rabbit
Similarity	Horse (100%), Rabbit (88%)
Conjugation	Unconjugated

IMAGES



WB (Western Blot)

Western blot analysis of IL15 expression in Foetal liver lysate, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323461 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-IL15 antibody	Description: Cytokine that stimulates the proliferation of T-lymphocytes. Stimulation by IL-15 requires interaction of IL-15 with components of IL-2R, including IL-2R beta and probably IL-2R gamma but not IL-2R alpha. Similarity: Belongs to the IL-15/IL-21 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835153
NCBI GeneID	3600
NCBI Accession #	NP_000576.1
NCBI GenBank Nucleotide #	NM_000585.4
UniProt Accession #	P40933; O00440; O43512; Q495Z8; Q6FGX7; Q93058; Q9UBA3; D3DNZ2
Molecular Weight	Observed: 18 kDa Predicted: 19 kDa
NCBI Official Full Name	interleukin-15 isoform 1 preproprotein
NCBI Official Synonym Full Names	interleukin 15
NCBI Official Symbol	IL15
NCBI Official Synonym Symbols	IL-15
NCBI Protein Information	interleukin-15
UniProt Protein Name	Interleukin-15
UniProt Gene Name	IL15
UniProt Synonym Gene Names	IL-15

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.