

Rabbit anti-Human, Rat IL4I1 Polyclonal Antibody | anti-IL4I1 antibody

IL4I1 Antibody

CATALOG # AAA329204	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA
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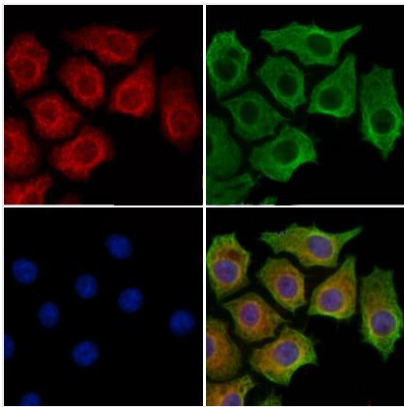
PRODUCT SYNONYMS

IL4I1; Polyclonal Antibody; IL4I1 Antibody; anti-IL4I1 antibody

PRODUCT SPECIFICATIONS

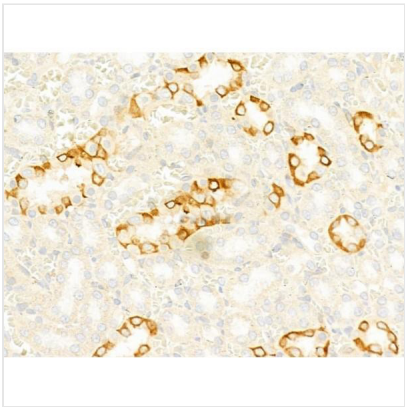
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IL4I1 Antibody detects endogenous levels of total IL4I1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	589
Applicable Applications for anti-IL4I1 antibody	ELISA
Immunogen	A synthesized peptide derived from human IL4I1, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



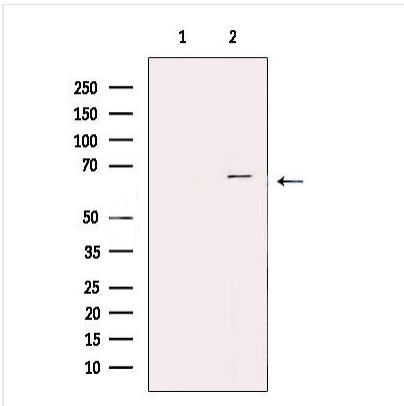
IF (Immunofluorescence)

AAA329204 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329204) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA329204 at 1/100 staining Rat kidney 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 primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Hela cells, using IL411 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL411 antibody	Function: Lysosomal L-amino-acid oxidase with highest specific activity with phenylalanine. May play a role in lysosomal antigen processing and presentation (By similarity).
	Subcellular Location: Lysosome. Lysosome.
	Tissue Specificity: Isoform 1 is primarily found in immune tissues.
	Similarity: Belongs to the flavin monoamine oxidase family. FIG1 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	384381475
NCBI GeneID	259307
NCBI Accession #	NP_001244946.1
NCBI GenBank Nucleotide #	NP_001244946.1
UniProt Accession #	Q96RQ9

Molecular Weight	Observed Molecular Weight: (Observed)62kD. Predicted Molecular Weight: (Calculated)63kDa.
NCBI Official Full Name	L-amino-acid oxidase isoform 2
NCBI Official Synonym Full Names	interleukin 4 induced 1
NCBI Official Symbol	IL4I1
NCBI Official Synonym Symbols	LAO; FIG1; LAAO
NCBI Protein Information	L-amino-acid oxidase
UniProt Protein Name	L-amino-acid oxidase
UniProt Gene Name	IL4I1
UniProt Synonym Gene Names	FIG1; LAAO; LAO; IL4-induced protein 1; hFIG1
UniProt Entry Name	OXLA_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/il4i1-antibody-elisa/329204>