

IL-4I1 Rabbit pAb

Catalog # AP97192

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q1WMJ3
Other Accession	Q1WMJ3
Reactivity	Rat
Predicted	Pig, Human, Mouse, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IL-4I1
Epitope Specificity	51-160/567
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the flavin monoamine oxidase family. FIG1 subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein with limited similarity to L-amino acid oxidase which contains the conserved amino acids thought to be involved in catalysis and binding of flavin adenine dinucleotide (FAD) cofactor. The expression of this gene can be induced by interleukin 4 in B cells, however, expression of transcripts containing the first two exons of the upstream gene is found in other cell types. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012].

Additional Information

Gene ID	259307
Other Names	FIG1; LAAO; LAO; hIL4I1; Fig1-ps; H-4; H-46; H4; H46; mIL4I1; Q1WMJ3_HUMAN; OXLA_HUMAN; IL4I1; Interleukin-4-induced protein 1 (IL4-induced protein 1 hIL4I1); Protein Fig-1 (hFIG1); 1.4.3.2; 1.4.3.25; OXLA_MOUSE; Interleukin-4-induced protein 1 (IL4-induced protein 1 mIL4I1); Protein Fig-1 (mFIG1); interleukin 4 induced 1; L-amino-acid oxidase
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IL-4I1 Rabbit pAb
Function	Lysosomal L-amino-acid oxidase with highest specific activity with phenylalanine. May play a role in lysosomal antigen processing and presentation (By similarity).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.