

For Research Use Only

IL-4|1 Polyclonal antibody

Catalog Number: 23048-1-AP



Basic Information

Catalog Number: 23048-1-AP	GenBank Accession Number: BC131625	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 259307	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q96RQ9	
Isotype: IgG	Full Name: interleukin 4 induced 1	
Immunogen Catalog Number: AG19136	Calculated MW: 567 aa, 63 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, mouse liver tissue
Species Specificity: human, mouse	

Background Information

Interleukin-4 Induced Gene 1 (IL4I1) is a secreted L-phenylalanine oxidase mainly produced by inflammatory antigen-presenting cells-in particular, macrophages present in T helper type 1 granulomas and in various types of tumors. In the last decade, it has been shown that IL4I1 is involved in the fine control of B- and T-cell adaptive immune responses. Preclinical models have revealed its role in cancer immune evasion. Recent clinical data highlight IL4I1 as a new potential prognostic marker in human melanoma. As a secreted enzyme, IL4I1 may represent an easily targetable molecule for cancer immunotherapy. IL4I1 protein has an estimated molecular weight of 75 kDa. (PMID: 31330829, PMID: 21469114)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

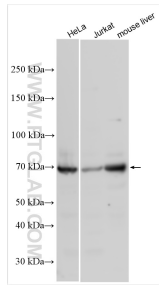
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23048-1-AP (IL-41 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.