

For Research Use Only

IER2 Polyclonal antibody

Catalog Number: 23849-1-AP

2 Publications



Basic Information

Catalog Number: 23849-1-AP	GenBank Accession Number: BC072432	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 550 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9592	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BTL4	
Isotype: IgG	Full Name: immediate early response 2	
Immunogen Catalog Number: AG20869	Calculated MW: 223 aa, 24 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver tissue, human kidney tissue
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Ier2 (also called ETR101, Pip92, 3CH92 and CHX1, hereafter referred to as Ier2, regardless of species) is an immediate early gene (PMID: 2678945) that was originally found to be upregulated in fibroblasts upon their activation (PMID: 3841511). Immediate early genes are a group of genes that are rapidly induced in quiescent cells by proliferation- and migration-inducing stimuli. Ier2 may have a role in tumor cell motility and metastasis (PMID: 22120713).

Notable Publications

Author	Pubmed ID	Journal	Application
Kuriko Doi	36047562	FEBS J	WB
Takumi Ueda	30599213	Cell Signal	WB

Storage

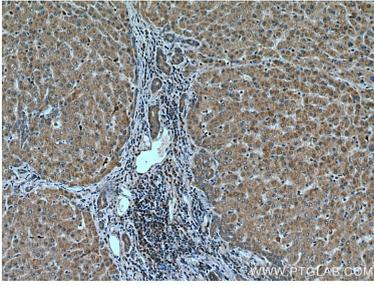
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

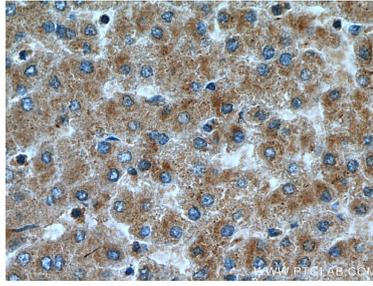
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23849-1-AP (IER2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23849-1-AP (IER2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).