

For Research Use Only

DDX60 Polyclonal antibody

Catalog Number: 30982-1-AP

2 Publications



Basic Information

Catalog Number: 30982-1-AP	GenBank Accession Number: BC038115	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 55601	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q8IY21	IHC 1:200-1:800
Isotype: IgG	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG34406	Calculated MW: 1712 aa, 198 kDa	
	Observed MW: 170-200 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : A549 cells, Jurkat cells, U-251 cells, U-87 MG cells
Cited Applications: WB	IHC : human stomach tissue,
Species Specificity: human	IF/ICC : U-251 cells,
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

DDX60, also called FLJ20035, is an IFN-inducible gene that has been identified via a microarray analysis of genes induced by viral infection in human dendritic cells (DCs). DDX60 expression correlated strongly with immune checkpoint and immune system-related metagene clusters, and DDX60 promoted cell proliferation, migration, and invasion and was related to poor prognosis and immune resistance(PMID: 37274827). Involved in RIG-I-dependent and independent innate immune responses, DDX60 has been proven to be associated with the development of tumors.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenxuan Fu	39329063	Front Cell Dev Biol	WB
Jingjing Xu	39051056	J Inflamm Res	WB

Storage

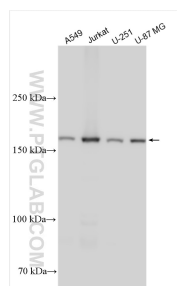
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

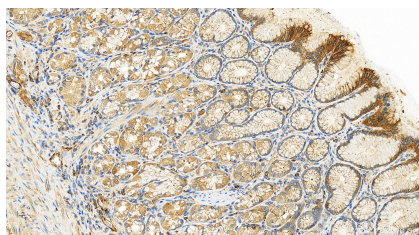
For technical support and original validation data for this product please contact:
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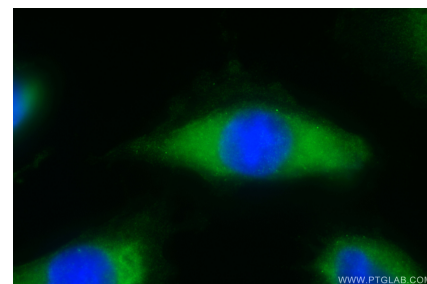
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30982-1-AP (DDX60 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 30982-1-AP (DDX60 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using DDX60 antibody (30982-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).