

For Research Use Only

IVNS1ABP Recombinant antibody

Catalog Number: 84268-1-RR



Basic Information

Catalog Number:	84268-1-RR	GenBank Accession Number:	BC067739	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	10625	CloneNo.:	241587B1
Source:	Rabbit	UNIPROT ID:	Q9Y6Y0	Recommended Dilutions:	WB 1:2000-1:10000 IHC 1:125-1:500 IF/ICC 1:125-1:500
Isotype:	IgG	Full Name:	influenza virus NS1A binding protein		
Immunogen Catalog Number:	AG6412	Calculated MW:	72 kDa		
		Observed MW:	70 kDa		

Applications

Tested Applications:	WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:	WB : U-251 cells, mouse ovary tissue, HEK-293 cells, HepG2 cells, HeLa cells
Species Specificity:	human, mouse	IHC : mouse kidney tissue,	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0		IF/ICC : HeLa cells,	

Background Information

IVNS1ABP is involved in many cell functions, including pre-mRNA splicing, the aryl hydrocarbon receptor (AHR) pathway, F-actin organization and protein ubiquitination. It may play a role in mRNA nuclear export.

Storage

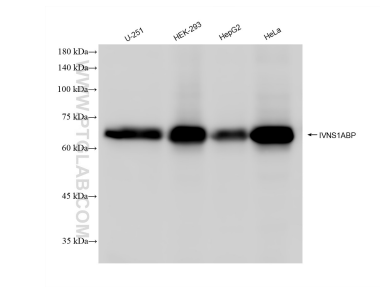
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

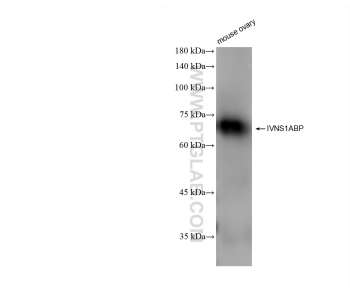
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

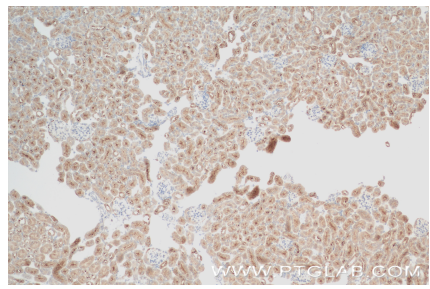
Selected Validation Data



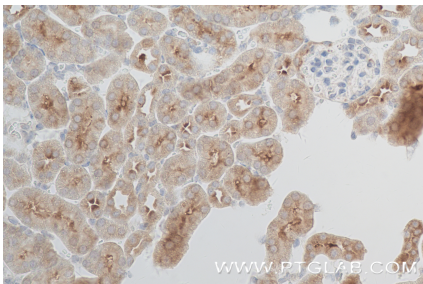
Various lysates were subjected to SDS PAGE followed by western blot with 84268-1-RR (IVNS1ABP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



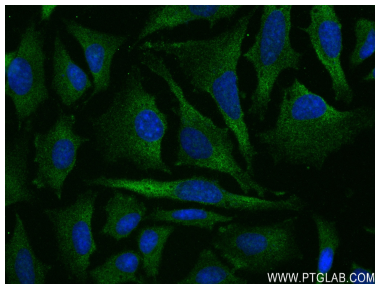
mouse ovary tissue were subjected to SDS PAGE followed by western blot with 84268-1-RR (IVNS1ABP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



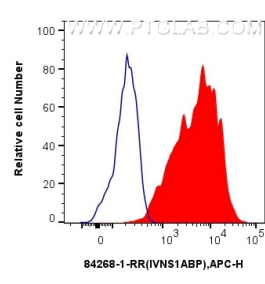
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 84268-1-RR (IVNS1ABP antibody) at dilution of 1:250 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



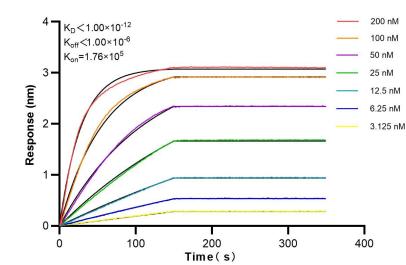
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 84268-1-RR (IVNS1ABP antibody) at dilution of 1:250 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using IVNS1ABP antibody (84268-1-RR, Clone: 241587B1) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug IVNS1ABP Recombinant antibody (84268-1-RR, Clone:241587B1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 84268-1-RR against Human IVNS1ABP were performed. The affinity constant is below 1 pM.