

For Research Use Only

ZNF638 Recombinant antibody, PBS Only

Catalog Number: 84359-3-PBS



Basic Information

Catalog Number: 84359-3-PBS	GenBank Accession Number: NM_014497.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27332	CloneNo.: 241636C9
Source: Rabbit	UNIPROT ID: Q14966	
Isotype: IgG	Full Name: zinc finger protein 638	
Immunogen Catalog Number: AG35296	Calculated MW: 221kDa	
	Observed MW: 270-300 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

ZNF638 (Zinc finger protein 638) is also named as NP220 and ZFML. ZNF638 is a newly discovered member of zinc finger protein family for adipocyte function in vitro. And ZNF638 regulates triglyceride metabolism via ANGPTL8 in an estrogen dependent manner (PMID: 38211696). ZNF638 plays a role as a transcriptional coregulator of adipocyte differentiation via induction of PPAR γ in cooperation with CCAAT/enhancer binding proteins (C/EBPs) (PMID: 25024404). ZNF638 is localized in nuclear bodies enriched with splicing factors (PMID: 25024404).

Storage

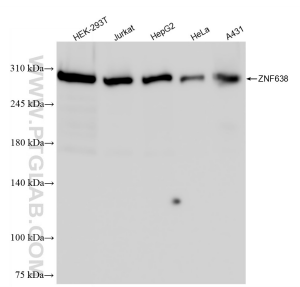
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

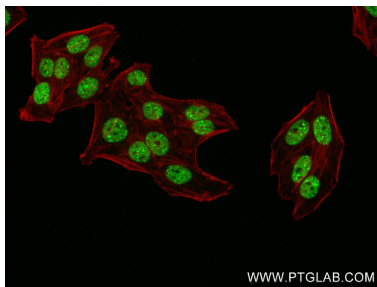
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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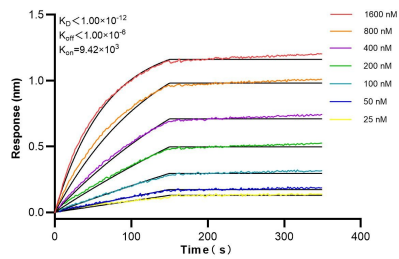
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84359-3-RR (ZNF638 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84359-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ZNF638 antibody (84359-3-RR, Clone: 241636C9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84359-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84359-3-RR against Human ZNF638 were performed. The affinity constant is below 1 pM.