

For Research Use Only

ZNF638 Polyclonal antibody, PBS Only

Catalog Number: 31300-1-PBS



Basic Information

Catalog Number:

31300-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35296

GenBank Accession Number:

NM_014497.4

GeneID (NCBI):

27332

UNIPROT ID:

Q14966

Full Name:

zinc finger protein 638

Calculated MW:

221kDa

Observed MW:

270-300 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IP, 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). The ZNF638 protein is modified and exhibits a molecular weight of ~300 kDa (PMID: 33040080)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

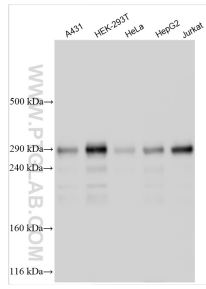
For technical support and original validation data for this product please contact:

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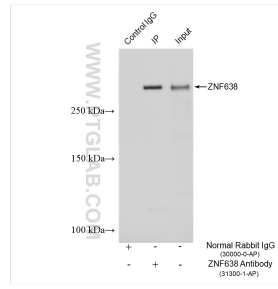
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31300-1-AP (ZNF638 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31300-1-PBS in a different storage buffer formulation.



IP result of anti-ZNF638 (IP:31300-1-AP, 4ug; Detection:31300-1-AP 1:3000) with Jurkat cells lysate 1360 ug. This data was developed using the same antibody clone with 31300-1-PBS in a different storage buffer formulation.