

For Research Use Only

ZNF638 Polyclonal antibody, PBS Only

Catalog Number: 31300-1-PBS



Basic Information

Catalog Number:

31300-1-PBS

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

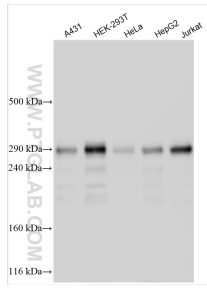
T: 4006900926

E: Proteintech-CN@ptglab.com

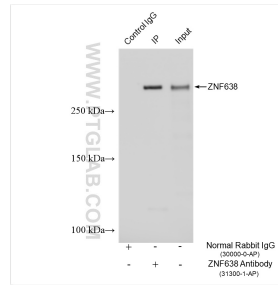
W: ptgcn.com

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 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.