For Research Use Only

ATP6V1B2 Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:68441-1-PBS Featured Product

Basic Information

Catalog Number:
68441-1-PBS

Size:
1mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG7265

GenBank Accession Number:
BC003100

GeneID (NCBI):
526

UNIPROT ID:
P21281

Full Name:
ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2

Calculated MW:
57 kDa

Observed MW:
56-58 kDa

Purification Method:
Protein G purification

CloneNo.:
3C11A9

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
Human, Mouse, Rat, Rabbit, Pig

Background Information

ATP6V1B2(V-type proton ATPase subunit B, brain isoform) is also named as ATP6B2, VPP3,HO57. It belongs to the ATPase alpha/beta chains family.V-ATPase is an heteromultimeric enzyme composed of a peripheral catalytic V1 complex attached to an integral membrane V0 proton pore complex.The quasi-ubiquitous ATP6V1B2 is one of 2 isoforms of ATP6V1 and is expressed in most cell types, where it plays a major role in organelle acidification(PMID:18667600).

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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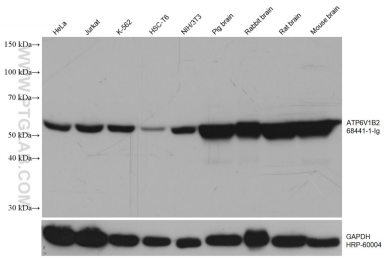
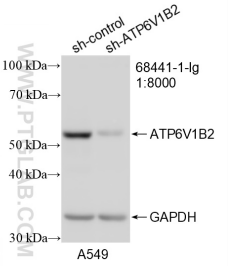
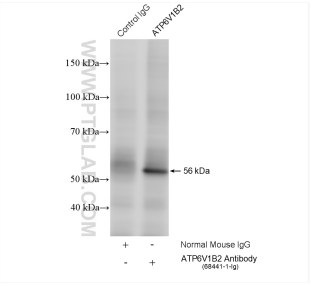
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68441-1-Ig (ATP6V1B2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68441-1-PBS in a different storage buffer formulation.



WB result of ATP6V1B2 antibody (68441-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ATP6V1B2 transfected A549 cells. This data was developed using the same antibody clone with 68441-1-PBS in a different storage buffer formulation.



IP result of anti-ATP6V1B2 (IP:68441-1-Ig, 4ug; Detection:68441-1-Ig 1:4000) with HeLa cells lysate 2000 ug. This data was developed using the same antibody clone with 68441-1-PBS in a different storage buffer formulation.