

C6orf226 Rabbit pAb

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Catalog # AP55894

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5I0X4
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10566
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C6orf226
Epitope Specificity	1-80/101
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	441150
Other Names	Peroxisomal biogenesis factor 39, PEX39 (HGNC:34431), C6orf226
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PEX39 (HGNC:34431)
Synonyms	C6orf226
Function	Cytosolic peroxin that promotes the peroxisomal import of proteins containing a type-2 peroxisomal targeting signal (PTS2) by binding to PEX7 and stabilizing its interaction with PTS2-containing cargo (PubMed: 37160800 , PubMed: 40739340). PEX39 subsequently transfers the PEX7-cargo complex to PEX13 at the peroxisomal membrane, enabling PEX7 to bind PEX13 and facilitating translocation of PTS2-containing proteins into the peroxisome.

Both PEX39 and PEX13 contain a conserved KPWE motif, which enables competitive binding to PEX7 and ensures efficient handover of the complex (PubMed:[40739340](#)).

Cellular Location

Cytoplasm, cytosol.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.