Product Datasheet

PEX19 antibody

Catalog No: #22022

Package Size: #22022 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PEX19 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 269 of PEX19
Target Name	PEX19
Accession No.	NCBI Gene ID: 5824NCBI mRNA#: NM_002857NCBI Protein#: NP_002848
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

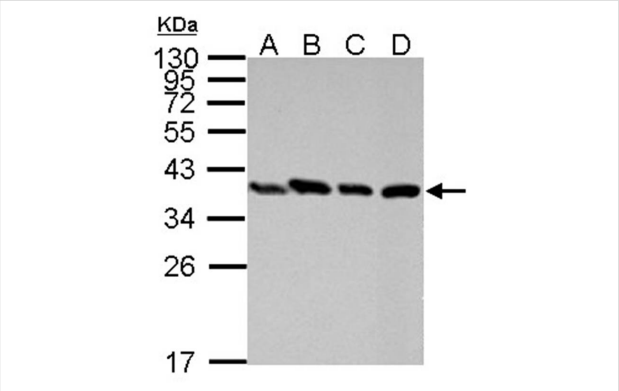
Predicted MW: 33kd

Western blotting: 1:500-1:3000

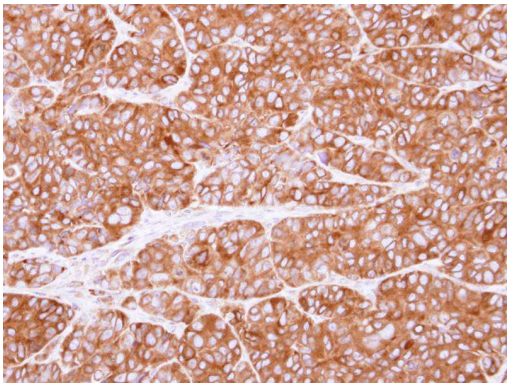
Immunohistochemistry: 1:100-1:500

Immunofluorescence: 1:100-1:200

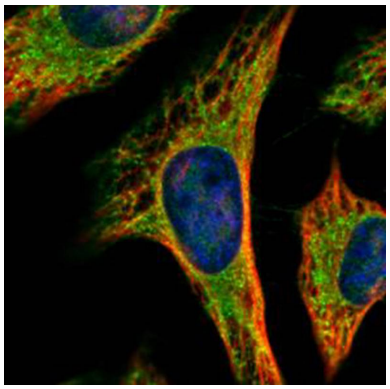
Images



Sample (30 ug of whole cell lysate)
A: Raji
B: K562
C: THP-1
D: NCI-H929
12% SDS PAGE
Primary antibody diluted at 1: 10000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using PEX19 antibody at 1: 500 dilution.



Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using PEX19 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.

Background

This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause Zellweger syndrome (ZWS). [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.