Datasheet for ABIN954099

anti-PEX2 antibody (Middle Region)

3 Images

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Overview

Quantity:	0.4 mL
Target:	PEX2
Binding Specificity:	AA 172-202, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the center region (between 172-202aa) of human Peroxin 2 / PEX2 / RNF72
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Peroxin 2 / PEX2 / RNF72.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	PEX2

Target Details

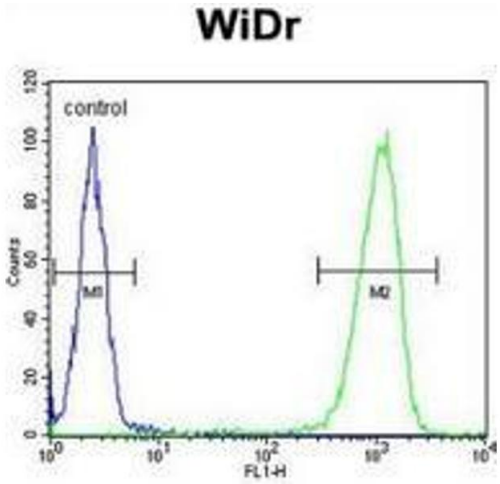
Alternative Name:	Peroxin 2 / PEX2 / RNF72 (PEX2 Products)
Background:	PEX2 encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. Peroxin 2 / RNF72 is thought to be involved in peroxisomal matrix protein import. Synonyms: 35 kDa peroxisomal membrane protein, PAF-1, PAF1, PMP3, PMP35, PXMP3, Peroxin-2, Peroxisomal membrane protein 3, Peroxisome assembly factor 1, Peroxisome biogenesis factor 2, RING finger protein 72
Gene ID:	5828
NCBI Accession:	NP_000309
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

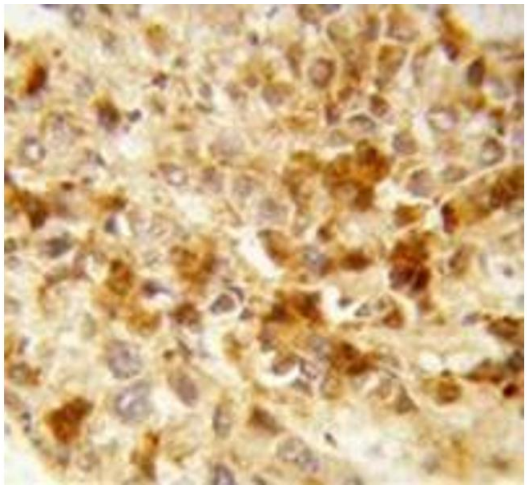
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



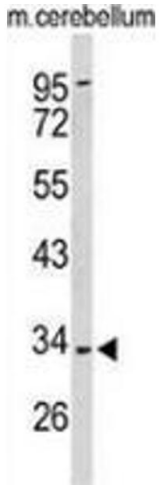
Flow Cytometry

Image 1. Flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram) using Peroxin 2 / PEX2 / RNF72 Antibody . FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of human hepatocarcinoma (Formalin-fixed, Paraffin-embedded) using Peroxin 2 / PEX2 / RNF72 Antibody , followed by peroxidase-conjugated secondary antibody and DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 3. Western blot analysis of Peroxin 2 / PEX2 / RNF72 (arrow) in mouse cerebellum tissue lysates (35ug/lane) using Peroxin 2 / PEX2 / RNF72