

## Product datasheet for **AP53526PU-N**

### PEX2 (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>Flow cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin sections:</b> 1/50-1/100. <b>Western blot:</b> 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the center region (between 172-202aa) of human Peroxin 2 / PEX2 / RNF72
Specificity:	This antibody recognizes Peroxin 2 / PEX2 / RNF72.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	peroxisomal biogenesis factor 2
Database Link:	<a href="#">Entrez Gene 19302 Mouse</a> <a href="#">Entrez Gene 5828 Human</a> <a href="#">P28328</a>
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.



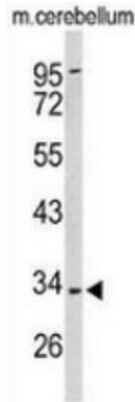
[View online »](#)

**Synonyms:** Peroxisome biogenesis factor 2, Peroxin-2, Peroxisomal membrane protein 3, Peroxisome assembly factor 1, RING finger protein 72, PAF1, PAF-1, PMP3, PMP35, PXMP3

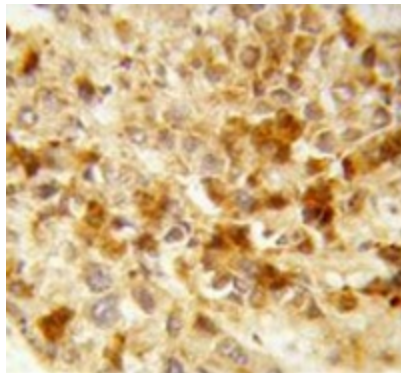
**Note:** **Molecular Weight:** 34843 Da

**Protein Families:** Druggable Genome, Transmembrane

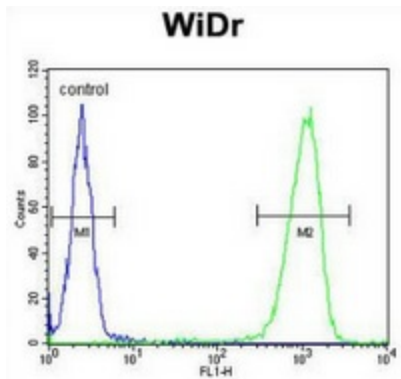
**Product images:**



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



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.



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.