

**Peroxin 2 rabbit pAb****Cat#: orb766054 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	Peroxin 2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PXMP3. AA range:1-50
<b>Specificity</b>	Peroxin 2 Polyclonal Antibody detects endogenous levels of Peroxin 2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Peroxisome biogenesis factor 2
<b>Gene Name</b>	PEX2
<b>Cellular localization</b>	Peroxisome membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

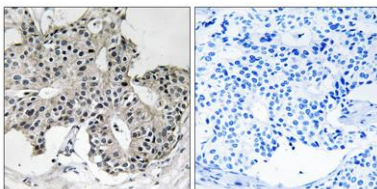
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	35kD
<b>Human Gene ID</b>	5828
<b>Human Swiss-Prot Number</b>	P28328
<b>Alternative Names</b>	PEX2; PAF1; PMP3; PMP35; PXMP3; RNF72; Peroxisome biogenesis factor 2; 35 kDa peroxisomal membrane protein; Peroxin-2; Peroxisomal membrane protein 3; Peroxisome assembly factor 1; PAF-1; RING finger protein 72

**Background**

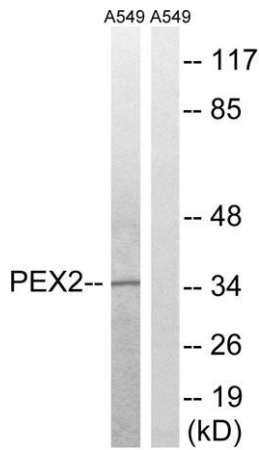
This gene encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. The protein is thought to be involved in peroxisomal matrix protein import. Mutations in this gene result in one form of Zellweger syndrome and infantile Refsum disease. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008],



**Western Blot analysis of various cells using Peroxin 2 Polyclonal Antibody**



**Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PXMP3 Antibody. The picture on the right is blocked with the synthesized peptide.**



**Western blot analysis of lysates from A549 cells, using PEX2 Antibody. The lane on the right is blocked with the synthesized peptide.**