

# Product datasheet

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# ARG40810 anti-PEX6 antibody

Package: 100 μl Store at: -20°C

# Summary

Product Description Rabbit Polyclonal antibody recognizes PEX6

Tested Reactivity Hu, Ms

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG
Target Name PEX6

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Species Human

Immunogen Recombinant fusion protein corresponding to aa. 741-980 of Human PEX6 (NP\_000278.3).

Conjugation Un-conjugated

Alternate Names PAF-2; PBD4A; Peroxisomal biogenesis factor 6; Peroxisomal-type ATPase 1; PAF2; PXAAA1; PDB4B;

Peroxisome assembly factor 2; Peroxin-6

## **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
• • •	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BT-474	
Observed Size	105 kDa	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol PEX6

Gene Full Name peroxisomal biogenesis factor 6

Background This gene encodes a member of the AAA (ATPases associated with diverse cellular activities) family of

ATPases. This member is a predominantly cytoplasmic protein, which plays a direct role in peroxisomal protein import and is required for PTS1 (peroxisomal targeting signal 1, a C-terminal tripeptide of the sequence ser-lys-leu) receptor activity. Mutations in this gene cause peroxisome biogenesis disorders of

complementation group 4 and complementation group 6. [provided by RefSeq, Oct 2008]

Function Involved in peroxisome biosynthesis. Required for stability of the PTS1 receptor. Anchored by PEX26 to

peroxisome membranes, possibly to form heteromeric AAA ATPase complexes required for the import

of proteins into peroxisomes. [UniProt]

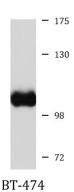
Calculated Mw 104 kDa

Cellular Localization Cytoplasm. Peroxisome membrane. Cell projection, cilium, photoreceptor outer segment.

Note=Associated with peroxisomal membranes. Localized at the base of the outer segment of

photoreceptor cells (PubMed:26593283). [UniProt]

## **Images**



#### ARG40810 anti-PEX6 antibody WB image

Western blot: 25  $\mu g$  of BT-474 cell lysate stained with ARG40810 anti-PEX6 antibody at 1:1000 dilution.