

PEX2 polyclonal antibody

Catalog: BS3900

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Peroxisomes are involved in numerous catabolic and anabolic pathways, including β -oxidation of very long chain fatty acids, metabolism of hydrogen peroxide, plasmalogen biosynthesis and bile acid synthesis. Peroxins are proteins involved in peroxisome biogenesis. The peroxisome biogenesis factor Peroxin 2 (also designated Pex2) is an integral membrane protein of peroxisomes. Defects in the PXMP3 gene encoding Peroxin 2 are the cause of Zellweger syndrome-1 (ZWS-1), an autosomal recessive disorder due to defective import mechanisms for peroxisomal matrix enzymes. ZWS-1 is a severe form of the peroxisome-biogenesis disorders, a group of genetically heterogeneous, lethal diseases that are characterized by neuronal, hepatic and renal abnormalities, mental retardation and, in their most severe form, death within the first year of life.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~34kDa

Swiss-Prot:

P28328

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

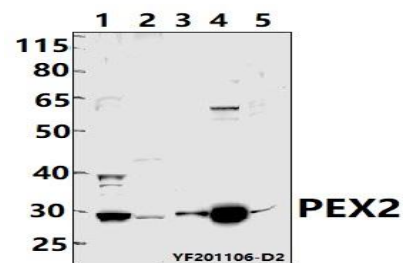
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PEX2 polyclonal antibody detects endogenous levels of PEX2 protein.

DATA:



Western blot (WB) analysis of PEX2 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:A2780 whole cell lysate(40ug)

Lane3:3T3-L1 whole cell lysate(40ug)

Lane4:The kidney tube tissue lysate of mouse(40ug)

Lane5:The lung tube tissue lysate of rat(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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