

Peroxin 7 (F236) polyclonal antibody

Catalog: BS3899

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Peroxin 5 (Pex5) and Peroxin 7 (Pex7), are receptors for proteins that contain the peroxisome targeting signal 1 (PTS1) and 2 (PTS2), respectively, and shuttle these proteins from the cytosol to the peroxisome. Peroxin 5, also designated PTS1 receptor, is expressed as two isoforms, Pex5L and Pex5S. Pex5L transports PTS1 and Pex7-PTS2 cargo complexes to the initial Pex5 docking site, Pex14, while Pex5S transports only PTS1 cargoes. Pex5 and Pex7 also require either direct or indirect interaction with Peroxin 13 (Pex13) for proper import into peroxisomes. Mutations in the peroxin genes result in peroxisome biogenesis disorders (PBDs). Defects in the Pex5 gene are linked to Zellweger syndrome (cerebro-hapato-renal syndrome) of complementation group 2 (CG2), the most severe form of PBDs.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 40 kDa

Swiss-Prot:

O00628

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

IHC: 1:50~1:200

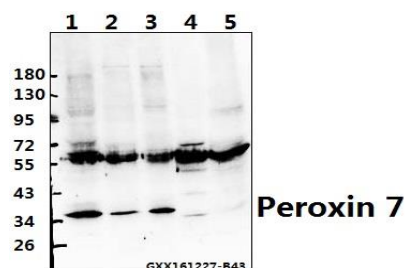
Storage&Stability:

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

Specificity:

Peroxin 7 (F236) polyclonal antibody detects endogenous levels of Peroxin 7 protein.

DATA:



Western blot (WB) analysis of Peroxin 7 (F236) polyclonal antibody at 1:500 dilution

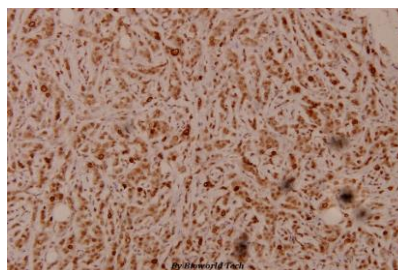
Lane1:HEK293T whole cell lysate(40ug)

Lane2:L02 whole cell lysate(40ug)

Lane3:PANC1 whole cell lysate(40ug)

Lane4:The Kidney tissue lysate of Mouse(40ug)

Lane5:The Kidney tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of Peroxin 7 (F236) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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