

## PEX11G polyclonal antibody

Catalog: BS61232

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Peroxisomes are single-membrane bound organelles present in virtually all eukaryotic cells. They are involved in numerous catabolic and anabolic pathways, including beta-oxidation of very long chain fatty acids, metabolism of hydrogen peroxide, plasmalogen biosynthesis and bile acid synthesis. The Peroxin family, which includes more than 20 members, is required for peroxisome biogenesis. The Peroxin 11 peroxisomal membrane proteins are the only factors known to promote peroxisome division in multiple species. Peroxin 11 proteins have a direct role in peroxisomal fatty acid oxidation and only affect peroxisome abundance indirectly. Peroxin 11 $\gamma$  (peroxisomal biogenesis factor 11 gamma), also known as PEX11G or Peroxin-11C, is a 241 amino acid multi-pass membrane protein that belongs to the peroxin 11 family. Peroxin 11 $\gamma$  exist as two isoforms due to alternative splicing events.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 26 kDa

### Swiss-Prot:

Q96HA9

### 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

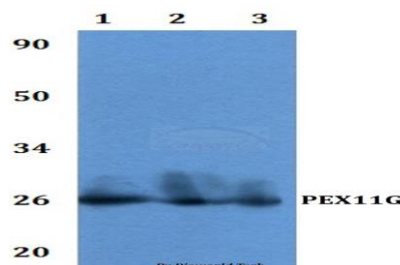
### Storage&Stability:

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

### Specificity:

PEX11G polyclonal antibody detects endogenous levels of PEX11G protein.

### DATA:



Western blot (WB) analysis of PEX11G polyclonal antibody at 1:500 dilution

Line1:Mcf-7 whole cell lysate

Line2:PC12 whole cell lysate

Line3:sp20 whole cell lysate

### Note:

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

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