

DRP1 polyclonal antibody

Catalog: BS79563

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF). Alternative splicing results in multiple transcript variants encoding different isoforms.

Product:

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

Molecular Weight:

~ 80 kDa

Swiss-Prot:

O00429

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:

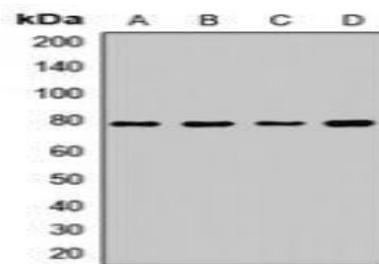
WB, 1:500 - 1:2000

Storage&Stability:

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

Specificity:

DRP1 polyclonal antibody detects endogenous levels of DRP1 protein.

DATA:

Western blot analysis of DRP1 expression in A549 (A), Raji (B), mouse brain (C), mouse heart (D) whole cell lysates.

Note:

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

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