

Septin 3 polyclonal antibody

Catalog: BS62412

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

The septins are a family of GTPase enzymes, some of which are required for cytokinesis and others of which are associated with exocytosis. Members of the Septin family can form heteropolymer complexes and also play a role in the organization of new growth in organisms. The transcriptional regulation of all septins is complex, resulting in alternatively spliced variants. Septin 10, a 517 residue polypeptide which localizes to the cytoplasm and nucleus, shares closest homology to Septin 6 and Septin 8. Septin 10 is expressed ubiquitously, though most abundantly in the placenta, lung, kidney, heart, skeletal muscles, liver and various tumor cell lines. Like other Septin family members, Septin 10 displays GTP-binding and GTPase activity. Additionally, Septin 10 is potentially involved in cytokinesis. Upon maturation induced by lipopolysaccharide (LPS), dendritic cells express upregulated amounts of Septin 10.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

Q9UH03

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

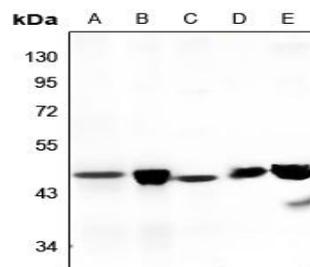
Storage&Stability:

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

Specificity:

Septin 3 polyclonal antibody detects endogenous levels of Septin 3 protein.

DATA:



Western blot (WB) analysis of Septin 3 polyclonal antibody at 1:500 dilution

LaneA:The brain tissue lysate of Mouse

LaneB:The brain tissue lysate of Rat

LaneC:Hela whole cell lysate

LaneD:The kidney tissue lysate of Mouse

LaneE:The kidney tissue lysate of Rat

Note:

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

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