

USP32 polyclonal antibody

Catalog: BS62509

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Ubiquitin-specific protease (USP6) is a 1,406 amino acid protein that is very hydrophilic and has 2 charge clusters that are characteristic of nucleic acid binding regions. The USP6 gene is oncogenic and originated from the chimeric fusion of two genes: USP32 and TBC1D3. USP32 is an ancient, highly conserved gene, whereas the TBC1D3 gene came from a relatively recent segmental duplication. This duplication is absent in most other mammals and shows rapid amplification and propagation throughout the primate lineage. The chimeric USP6, however, only exists in the hominoid lineage of primates, so it may have contributed to hominoid speciation. USP6 is testis-specific, suggesting an implication in the emergence of reproductive barriers.

Product:

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

Molecular Weight:

~ 182 kDa

Swiss-Prot:

Q8NFA0

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

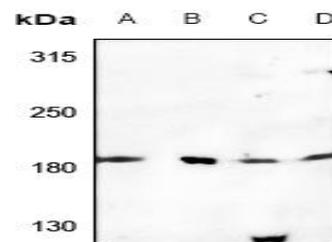
Storage&Stability:

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

Specificity:

USP32 polyclonal antibody detects endogenous levels of USP32 protein.

DATA:



Western blot (WB) analysis of USP32 polyclonal antibody at 1:500 dilution

LaneA:A549 whole cell lysate

LaneB:MCF-7 whole cell lysate

LaneC:PC12 whole cell lysate

LaneD:AML-12 whole cell lysate

Note:

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

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