

bsm-52505R

[Primary Antibody]

PRNP Recombinant Rabbit mAb



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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

Target: PRNP

Immunogen: KLH conjugated synthetic peptide derived from PRNP: 161-253 / 253.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The function of PrP is still under debate. May play a role in neuronal development and synaptic plasticity. May be required for neuronal myelin sheath maintenance. May play a role in iron uptake and iron homeostasis (By similarity). Isoform 2 may act as a growth suppressor by arresting the cell cycle at the G0/G1 phase. Soluble oligomers are toxic to cultured neuroblastoma cells and induce apoptosis (in vitro).

Applications: **WB** (1:500-5000)

IHC-P (1:100-500)

IHC-F (1:400-800)

IF (1:50-200)

Reactivity: Human, Mouse, Rat

**Predicted
MW.:** 25 kDa

**Subcellular
Location:** Cell membrane ,Cytoplasm
Nucleus