

bs-19395R

[Primary Antibody]

PA200 Rabbit pAb

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— DATASHEET —

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| <p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 23198</p> <p>Target: PA200</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human PA200: 1561-1660/1843.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: PA200 is a 1,843 amino acid nuclear protein that contains six HEAT (Huntington, Elongation Factor 3, PR65/A, TOR) repeats, which are conserved residues that form the hydrophobic domain core and are usually found in proteins that are involved in intracellular transport. Existing as a homodimer, PA200 interacts with the 20S and 26S proteasomes and activates proteasomal cleavage of peptides in an energy-independent manner. PA200 and proteasomes function together within cells and respond to specific radiation-induced damage independent of the stage of cell cycle arrest. Broadly expressed, PA200 may also be involved in spermatogenesis and in DNA repair double-strand breaks (DSBs). Four isoforms of PA200 exists due to alternative splicing events.</p> | <p>Isotype: IgG</p> <p>SWISS: Q14997</p> | <p>Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500)</p> <p>Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)</p> <p>Predicted MW.: 211 kDa</p> <p>Subcellular Location: Nucleus</p> |
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