## bs-11316R

## [ Primary Antibody ]

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

SAPAP3 Rabbit pAb

GenelD: 58512 **SWISS:** 095886

Target: SAPAP3

**Immunogen:** KLH conjugated synthetic peptide derived from human SAPAP3:

201-300/979.

**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: Members of the postsynaptic density-95 (PSD-95)/SAP90 family of

membrane-associated guanylate kinase (MAGUK) proteins function as multimodular scaffolds that organize protein-signaling complexes at neuronal synapses. SAPAP3 (PSD-95/SAP90-binding protein 3), also known as DLGAP3 (disks large-associated protein 3) or DAP3, is a 979 amino acid protein that belongs to the SAPAP family of PSD-95/SAP90-associated proteins. Localized to the cell junction, as well as to the peripheral membrane and the cell synapse, SAPAP3 is thought to play a role in the organization of neuronal cell signaling and synapses, and may also function as an

adaptor protein, possibly linking ion channels with the

cytoskeleton.

Applications: WB (1:500-2000)

**IHC-P** (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Cow, Dog, Horse)

Predicted MW.: 106 kDa

Subcellular Cell membrane

## - SELECTED CITATIONS -

• [IF=3.9] Wang Yuan. et al. Exploring the nucleus accumbens circuit and oxytocin therapy in a Sapap3 knockout mouse model of trichotillomania. SCI REP-UK. 2025 Aug;15(1):1-12 IF; Mouse. 40764792