

Synaptogyrin 4 Rabbit pAb

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Catalog # AP54474

Product Information

Application	WB
Primary Accession	O95473
Reactivity	Mouse
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25820
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Synaptogyrin 4
Epitope Specificity	111-200/234
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Multi-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The synaptogyrin family of proteins are integral membrane proteins containing four transmembrane regions. Synaptogyrins are tyrosine-phosphorylated proteins with two neuronal (Synaptogyrins 1 and 3) and one ubiquitous (Synaptogyrin-2) isoform. Synaptophysin and synaptogyrin represent the major constituents of synaptic vesicles. The 26kDa protein Synaptogyrin-1 is associated with presynaptic vesicles in neuronal cells. Synaptogyrin-2, also known as Cellugyrin has a tyrosine phosphorylated C-terminal cytoplasmic tail, and is involved in the regulation of membrane traffic in non-neuronal cells. Synaptogyrin-3 is expressed mainly in brain and placenta. The SYNGR4 gene encodes for the 234 amino acid protein Synaptogyrin-4.

Additional Information

Gene ID	23546
Other Names	Synaptogyrin-4, SYNGR4
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

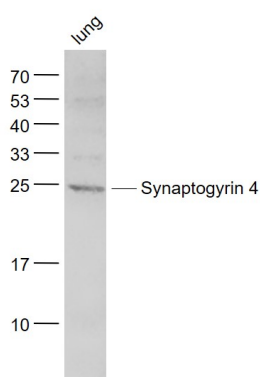
Protein Information

Name	SYNGR4
Cellular Location	Membrane; Multi-pass membrane protein.

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Images



Sample:
Lung (Mouse) Lysate at 40 ug
Primary: Anti- Synaptogyrin 4 (AP54474) at 1/1000
dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution
Predicted band size: 26 kD
Observed band size: 25 kD

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