

Datasheet for ABIN500654
anti-DLGAP2 antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	DLGAP2
Binding Specificity:	Center
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLGAP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	SAPAP2 antibody was raised against a 16 amino acid peptide from near the center of human SAPAP2.
Isotype:	IgG
Specificity:	This antibody detects SAPAP2. It will not cross-react with other SAPAP proteins.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	DLGAP2
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Target Details

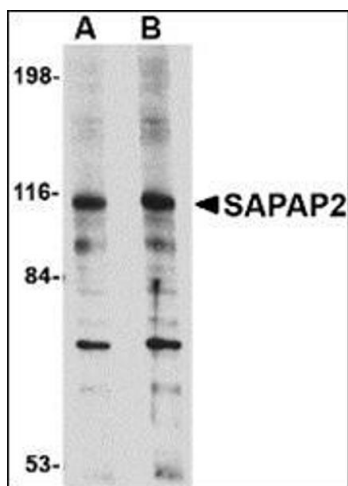
Alternative Name:	DLGAP2 (DLGAP2 Products)
Background:	<p>SAP90/PSD-95-associated protein 2 (SAPAP2, also known as DLGAP2) is a member of a protein family whose members specifically interact with PSD-95/SAP90, a membrane-associated guanylate kinase localized at postsynaptic density (PSD) in neuronal cells. Like the other SAPAP proteins, SAPAP2 is thought to be an adaptor protein that also interacts with different synaptic scaffolding proteins, cytoskeletal and signaling components, such as focal adhesion kinase (FAK) and proline-rich tyrosine kinase 2 (PYK2). SAPAP2 mRNA is targeted to cell bodies in a similar manner to SAPAP1 and -4, whereas SAPAP3 mRNA is detected mainly in cell bodies. At least three isoforms of SAPAP2 are known to exist. Synonyms: DAP-2, DAP2, Disks large-associated protein 2, PSD-95/SAP90-binding protein 2, SAP90/PSD-95-associated protein 2, SAPAP2</p>
Gene ID:	9228
UniProt:	Q9P1A6

Application Details

Application Notes:	<p>ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

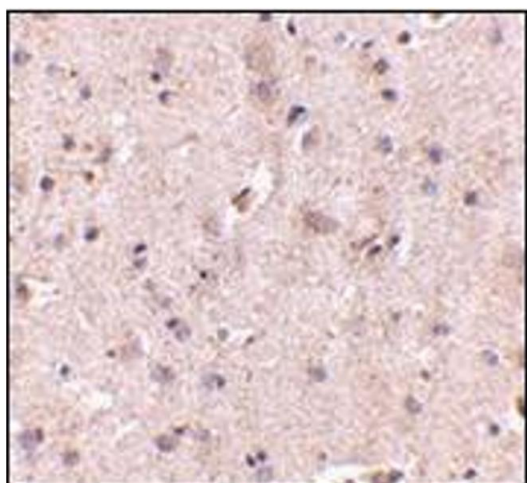
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of SAPAP2 in L1210 cell lysate with this product at (A) 0.5 and (B) 1 μ g/ml.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of SAPAP2 in human brain with this product at 5 μ g/ml.