

Datasheet for ABIN7042879

anti-AKAP5 antibody (Intracellular)[Go to Product page](#)**1** Image

Overview

Quantity:	25 µL
Target:	AKAP5
Binding Specificity:	AA 128-141, Intracellular
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RGAKRSRPSKLTED, corresponding to amino acid residues 128-141 of rat AKAP5
Isotype:	IgG
Cross-Reactivity (Details):	The antibody won't recognize the human AKAP150 homologue (also known as AKAP79).
Characteristics:	Anti-AKAP150 Antibody (ABIN7042879, ABIN7045174 and ABIN7045175)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot analysis. It has been designed to recognize AKAP150 from mouse and rat samples. The antibody is unlikely to recognize AKAP5 from human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

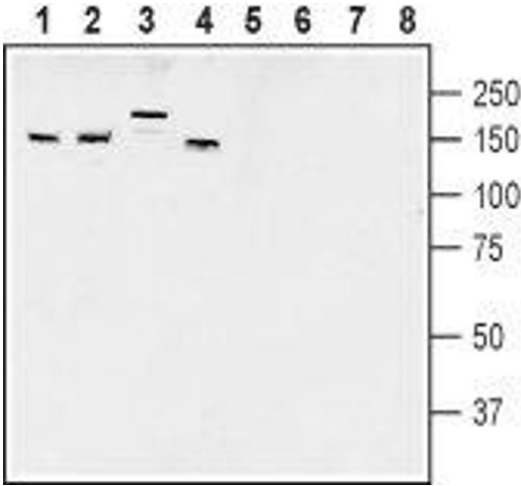
Target:	AKAP5
Alternative Name:	AKAP150 (AKAP5 Products)
Target Type:	Viral Protein
Background:	Alternative names: AKAP150, A-kinase anchor protein 150kD, A-kinase anchor protein 5, AKAP5
Gene ID:	171026
NCBI Accession:	NM_004857
UniProt:	P24587
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat brain membranes (lanes 1 and 5), mouse brain membranes (lanes 2 and 6), rat dorsal root ganglion lysates (lanes 3 and 7) and mouse lung lysates (lanes 4 and 8): - 1-4. Anti-AKAP150 Antibody (ABIN7042879, ABIN7045174 and ABIN7045175), (1:200).5-8. Anti-AKAP150 Antibody, preincubated with AKAP150 Blocking Peptide (#BLP-PZ031).