

Datasheet for ABIN7251862

anti-AKAP7 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	AKAP7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Fusion protein of human AKAP7
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	AKAP7
Alternative Name:	AKAP7 (AKAP7 Products)
Background:	This gene encodes a member of the A-kinase anchoring protein (AKAP) family, a group of functionally related proteins that bind to a regulatory subunit (RII) of cAMP-dependent protein kinase A (PKA) and target the enzyme to specific subcellular compartments. AKAPs have a common RII-binding domain, but contain different targeting motifs responsible for directing

Target Details

PKA to distinct intracellular locations. Three alternatively spliced transcript variants encoding different isoforms have been described.[

Molecular Weight:	Observed_MW: Refer to figures
	Calculated_MW: 11 kDa
UniProt:	O43687

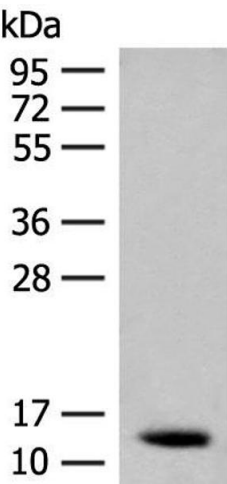
Application Details

Application Notes:	WB 1:500-1:2000, ELISA 1:1000-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.48 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of Human fetal brain tissue lysate using AKAP7 Polyclonal Antibody at dilution of 1:200