Datasheet for ABIN570942

anti-DIAPH1 antibody (Internal Region)

Go to Product page

Overview

Quantity:	100 µg
Target:	DIAPH1
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DIAPH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DIAPH1
Immunogen:	Peptide with sequence C-QTKTSKAKKDQ, from the internal region of the protein sequence according to NP_005210.3, NP_001073280.1.
Sequence:	QTKTSKAKKD Q
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_005210.3, NP_001073280.1).
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Verified

Target Details

Target:	DIAPH1
Alternative Name:	DIAPH1 (DIAPH1 Products)
Background:	DIAPH1, diaphanous homolog 1 (Drosophila), DFNA1, DIA1, DRF1, FLJ25265, LFHL1, hDIA1, diaphanous 1, diaphanous-1, diaphanous-related formin 1
Gene ID:	1729, 13367
NCBI Accession:	NP_005210, NP_001073280
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Western Blot: Approx 140 kDa band observed in lysates of cell line NIH3T3 (calculated MW of 141 kDa according to Human NP_005210.3 and 139 kDa according to Mouse NP_031884.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.