

Datasheet for ABIN238596

anti-14-3-3 theta antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	14-3-3 theta (YWHAQ)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This 14-3-3 theta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	14-3-3 tau / YWHAQ
Immunogen:	Peptide with sequence C-DDRKQTIDNSQ, from the internal region of the protein sequence according to NP_006817.1.
Sequence:	DDRKQTIDNS Q
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	14-3-3 theta (YWHAQ)
Alternative Name:	YWHAQ (YWHAQ Products)
Background:	YWHAQ, 14-3-3 protein tau, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide, 14-3-3, 1C5, HS1, 14-3-3 protein T-cell, 14-3-3 protein theta, protein tau, tyrosine 3/tryptophan 5 -monooxygenase activation protein, th
Gene ID:	10971
NCBI Accession:	NP_006817
Pathways:	Apoptosis , Myometrial Relaxation and Contraction

Application Details

Application Notes:	Western Blot: Approx 28 kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 27.8 kDa according to NP_006817.1). Recommended concentration: 0.03-0.1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
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.



Image 1. ABIN238596 (0.03µg/ml) staining of Human Brain (Hippocampus) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.