

Datasheet for ABIN5027747
anti-14-3-3 theta antibody



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Overview

Quantity:	100 µg
Target:	14-3-3 theta (YWHAQ)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This 14-3-3 theta antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Full length recombinant protein of 14-3-3 Theta was used as the immunogen for this antibody.
Clone:	ABM52H6
Isotype:	IgG2a kappa
Purification:	Protein G Chromatography

Target Details

Target:	14-3-3 theta (YWHAQ)
Alternative Name:	14-3-3 Theta (YWHAQ Products)
Background:	14-3-3 Theta, a member of 14-3-3 family, is an adapter protein that plays an important role in a wide range of vital regulatory processes, including signal transduction, apoptosis, cell cycle progression and DNA replication. Humans have seven 14-3-3 isoforms (beta, gamma, epsilon, eta, sigma, theta and zeta) that serve as scaffolds to promote interactions of regulatory

Target Details

phospho-proteins involved in many vital cellular processes. 14-3-3 Theta binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif, resulting in the modulation of the activity of the binding partner except PDPK1, whose kinase activity is negatively regulated. Previous studies have shown that disturbances in native 14-3-3 levels can contribute significantly to the development of various cancers. In lung cancer biopsies, 14-3-3 Theta is found to be present in abundance.

Molecular Weight:	27 kDa
Gene ID:	10971
UniProt:	P27348
Pathways:	Apoptosis , Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB: 2-4 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, 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:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

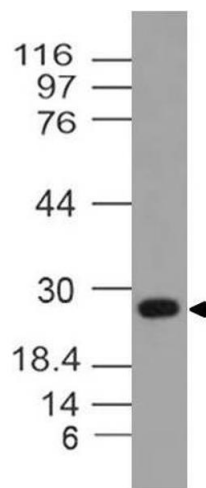


Image 1.