

Datasheet for ABIN6942014
anti-14-3-3 theta antibody



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Overview

Quantity:	100 µL
Target:	14-3-3 theta (YWHAQ)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This 14-3-3 theta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein of Human 14-3-3 between 200-300 amino acids
Clone:	9C4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	14-3-3 theta (YWHAQ)
Alternative Name:	14-3-3 (YWHAQ Products)
Background:	Synonyms: 14-3-3 protein beta/alpha, Protein 1054, Protein kinase C inhibitor protein 1, 14-3-3 protein zeta/delta, Protein kinase C inhibitor protein 1, KCIP-1, YWHAB, YWHAZ

Target Details

Background: Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2.

Gene ID: 7529

UniProt: [P31946](#), [P63104](#)

Pathways: [Apoptosis](#), [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: WB 1:300-1000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 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: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months