

DATASHEET

14-3-3 theta/tau Mouse Monoclonal Antibody(C3048)

CAT. NO. AMA02660

KEY FEATURES

Target	14-3-3 theta/tau	Source / Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

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. Negatively regulates the kinase activity of PDPK1.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

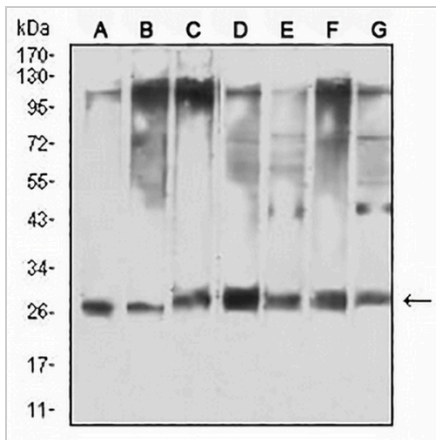
Description	Mouse monoclonal to 14-3-3 theta/tau
Specificity	Recognizes endogenous levels of 14-3-3 theta/tau protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human 14-3-3 theta/tau expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 28 kD; Observed: 28 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; Protein HS1
Gene Symbol	YWHAQ
Entrez Gene	10971(Human); 102634437; 22630(Mouse); 25577(Rat)
SwissProt	P27348(Human); P68254(Mouse); P68255(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of 14-3-3 theta/tau expression in HeLa (A), NIH/3T3 (B), C6 (C), A549 (D), COS7 (E), PC12 (F), HEK293 (G) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.