

Datasheet for ABIN1449274

anti-14-3-3 gamma antibody (N-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	14-3-3 gamma (YWHAG1)
Binding Specificity:	AA 1-12, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 14-3-3 gamma antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	KLH-conjugated human 14-3-3gamma N-terminal peptides (1-12 aa)
Clone:	KC21
Isotype:	IgG2a
Specificity:	This antibody reacts with 14-3-3γ, which the N-terminal Met is removed as a result of acetylated the N-terminal Val, on Western blotting. This antibody does not recognize unprocessed (non-modified) 14-3-3γ.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat
Purification:	Protein A agarose

Target Details

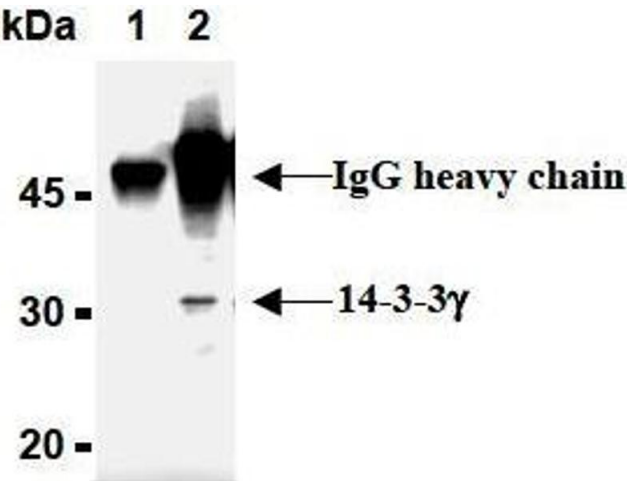
Target:	14-3-3 gamma (YWHAG1)
Alternative Name:	14-3-3 Protein gamma (YWHAG1 Products)
Background:	<p>The 14-3-3 protein family comprises critical regulatory molecules involved in signaling during cell division, proliferation, and apoptosis. 14-3-3 γ, a subtype of the 14-3-3 family of proteins, was thought to be brain- and neuron-specific. However, 14-3-3 γ was not neuron-specific but also expressed in astrocytes. Endogenous 14-3-3 γ proteins in immature astrocytes appeared filamentous and co-localized with filamentous actin (F-actin). And, 14-3-3 γ proteins play a role in cytoskeletal function during the process of cell division and apoptosis in astrocytes in association with actin. This expression is induced in arterial trauma by cytokines, and suggests that this protein may play an important role in progression of vascular proliferative diseases. Synonyms: KCIP-1, Protein kinase C inhibitor protein 1, YWHAG</p>
Molecular Weight:	33 kDa
Gene ID:	7532
NCBI Accession:	NP_036611
UniProt:	P61981
Pathways:	Myometrial Relaxation and Contraction, M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

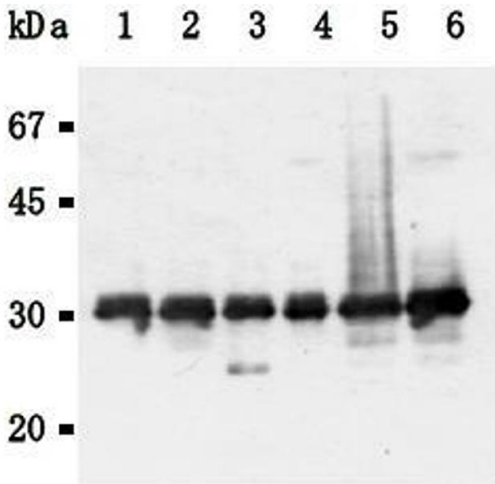
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.



Western Blotting

Image 1.



Western Blotting

Image 2.