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Datasheet for ABIN6256377 anti-14-3-3 zeta antibody (pSer58)

5 Images



Overview

Quantity:	100 µL
Target:	14-3-3 zeta (YWHAZ)
Binding Specificity:	pSer58
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 14-3-3 zeta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human 14-3-3 zeta around the phosphorylation site of Ser58.
Isotype:	lgG
Specificity:	Phospho-14-3-3 zeta (Ser58) Antibody detects endogenous levels of 14-3-3 zeta only when phosphorylated at Serine 58.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

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Target Details	
Target:	14-3-3 zeta (YWHAZ)
Alternative Name:	YWHAZ (YWHAZ Products)
Background:	Description: 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. Gene: YWHAZ
Molecular Weight:	28kDa
Molecular Weight: Gene ID:	28kDa 7534

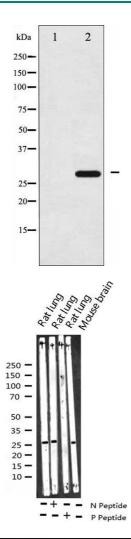
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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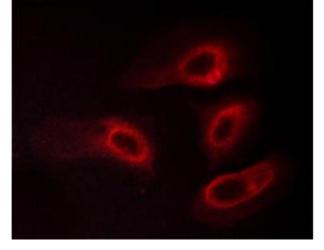


Western Blotting

Image 1. Western blot analysis of 14-3-3 zeta phosphorylation expression in UV treated NIH-3T3 whole cell lysates,The lane on the left is treated with the antigenspecific peptide.

Western Blotting

Image 2. Western blot analysis of Phospho-14-3-3 zeta (Ser58) expression in various lysates



Immunofluorescence (fixed cells)

Image 3. ABIN6267565 staining HeLa cells treated with PMA 125ng/ml 30' by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN6256377.

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