

Datasheet for ABIN392783

**anti-14-3-3 zeta antibody (AA 211-239)**[Go to Product page](#)**2** Images

## Overview

Quantity:	400 µL
Target:	14-3-3 zeta (YWHAZ)
Binding Specificity:	AA 211-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 14-3-3 zeta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This YWHAZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids from human YWHAZ.
Clone:	RB7161
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, M, Rat, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	14-3-3 zeta (YWHAZ)
Alternative Name:	14-3-3 protein zeta/delta ( <a href="#">YWHAZ Products</a> )

## Target Details

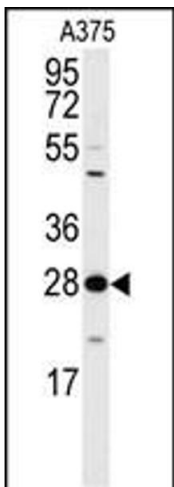
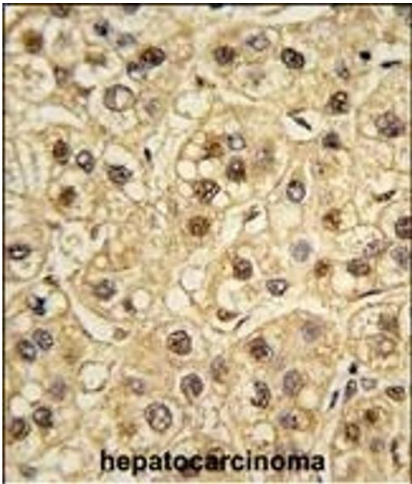
Background:	14-3-3 protein zeta/delta belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. This highly conserved protein family is found in both plants and mammals, and this protein is 99 % identical to the mouse, rat and sheep orthologs.
Molecular Weight:	27745
Gene ID:	7534
NCBI Accession:	<a href="#">NP_001129171</a> , <a href="#">NP_001129172</a> , <a href="#">NP_001129173</a> , <a href="#">NP_001129174</a> , <a href="#">NP_003397</a> , <a href="#">NP_663723</a>
UniProt:	<a href="#">P63104</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Hormone Transport</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human testis tissue reacted with YWHAZ Antibody (ABIN392783 and ABIN2842221) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

**Western Blotting**

**Image 2.** Western blot analysis of anti-14-3-3 protein zeta/delta Antibody (ABIN392783 and ABIN2842221) in cell line lysates (35 µg/lane). 14-3-3 (arrow) was detected using the purified Pab.