

Datasheet for ABIN1700601  
**anti-YWHAB antibody (AA 51-150) (Biotin)**



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## Overview

Quantity:	100 µL
Target:	YWHAB
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YWHAB antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human 14-3-3 beta
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	YWHAB
Abstract:	<a href="#">YWHAB Products</a>

## Target Details

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**Background:** Synonyms: 14 3 3 protein beta/alpha, 14-3-3 protein beta/alpha, 1433B\_HUMAN, Brain protein 14 3 3 beta isoform, GW 128, GW128, HS 1, HS1, KCIP 1, KCIP-1, KCIP1, N-terminally processed, Protein 1054, Protein kinase C inhibitor protein 1, Tyrosine 3 Monooxygenase/Tryptophan 5 Monooxygenase Activation Protein Beta Polypeptide, YWHAA, YWHAB.

Background: 14-3-3 are activates tyrosine and tryptophan hydroxylases in the presence of Ca (2+)/calmodulin-dependent protein kinase II, and strongly activates protein kinase C. Is probably a multifunctional regulator of the cell signaling processes mediated by both kinases. Activates the ADP-ribosyltransferase (exoS) activity of bacterial origin. 14-3-3 proteins are localized in neurons, and are axonally transported to the nerve terminals. They may be also present, at lower levels, in various other eukaryotic tissues. It belongs to the 14-3-3 family. This antibody is reactive with 14-3-3 Alpha/Beta/Gamma/Delta/Epsilon.

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**Gene ID:** 7529

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**Pathways:** [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [Maintenance of Protein Location](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C for 12 months.

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## Handling

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Expiry Date: 12 months