

## YWHAB Polyclonal Antibody

Catalog number: 10936-1-AP

Size: 60 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

YWHAB; 14 3 3, 14 3 3 alpha, 14

3 3 protein beta/alpha, YWHAB



Immunohistochemical of paraffin-embedded human colon cancer using 10936-1-AP (YWHAB antibody) at dilution of 1:50 (under 10x lens)

### Background

YWHAB (also known as 14-3-3 beta) is a member of 14-3-3 proteins which were the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and hetero-dimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis. This antibody was raised against the N-terminal region of human YWHAB.

### Applications

Tested applications:	ELISA, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated YWHAB MW:	6 kDa
Observed YWHAB MW:	
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1383
GenBank accession number:	BC010352
Gene ID (NCBI):	7529
Full name:	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.