

## YWHAE Antibody

Catalog No: #31003

Package Size: #31003-1 50ul #31003-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	YWHAE Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total YWHAE protein.
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to C terminal 254 amino acids of Human Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide
Target Name	YWHAE
Other Names	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide, MDS, MDCR, KCIP-1, 14-3-3E
Accession No.	Swiss-Prot:P62258Gene ID:7531;
Uniprot	P62258
GeneID	7531;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C/1 year

## Application Details

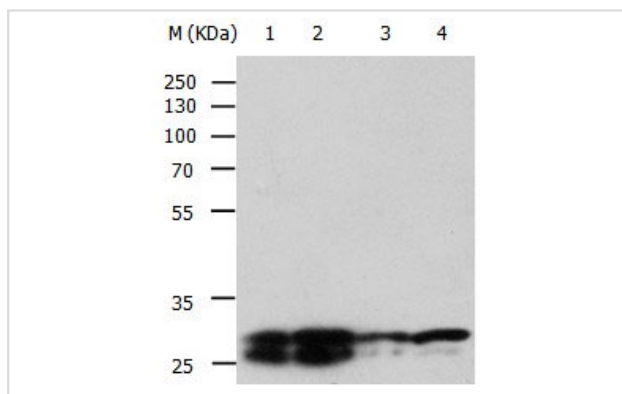
Predicted MW: 29kd

ELISA: 1:500-1:10000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:150

## Images



Gel: 10%SDS-PAGE

Lane1: HT-29 cell lysate

Lane2: Mouse brain tissues

Lane3: 293T cell lysate

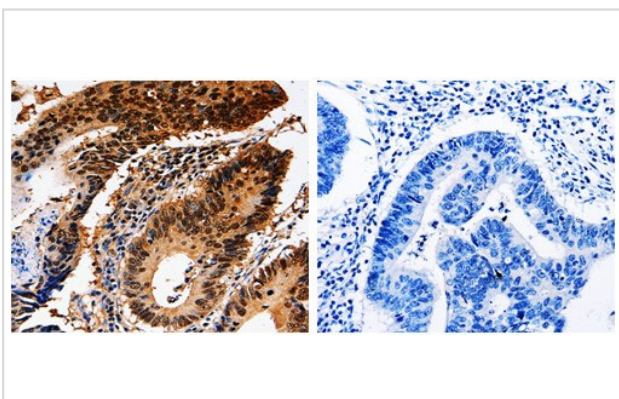
Lane4: Hela cell lysate

Lysates: 30ug per lane

Primary antibody: 1/250 dilution

Secondary antibody: Donkey anti Rabbit IgG - H&amp;L (HRP) at 1/3000 dilution

Exposure time: 1 second



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 31003(YWHAE Antibody) at dilution 1/10, on the right is treated with the fusion protein.

## Background

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene.

Note: This product is for in vitro research use only