

Product datasheet for TA383424

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14-3-3 zeta (YWHAZ) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human YWHAZ

(NP_001129171.1).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 19kDa/27kDa

Gene Name: tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta

Database Link: Entrez Gene 7534 Human

P63104

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 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that

encode the same protein have been identified for this gene.

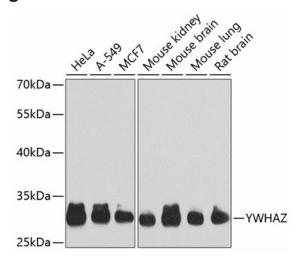




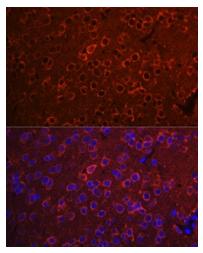
Synonyms:

14-3-3-zeta; KCIP-1; MGC111427; MGC126532; MGC138156; OTTHUMP00000165851; OTTHUMP00000165858

Product images:



Western blot analysis of extracts of various cell lines, using YWHAZ Antibody (TA383424) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.



Immunofluorescence analysis of Rat brain using YWHAZ Rabbit pAb (TA383424) at dilution of 1:100. Blue: DAPI for nuclear staining.