

Rabbit ZADH2 Polyclonal Antibody | anti-ZADH2 antibody

ZADH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325282	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

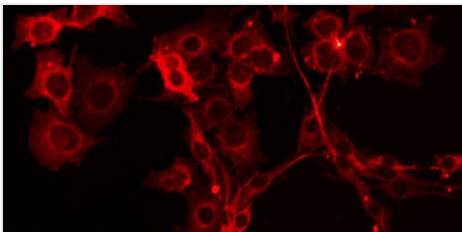
PRODUCT SYNONYMS

ZADH2; Polyclonal Antibody; ZADH2 Antibody; MGC32469; MGC45594; Zinc binding alcohol dehydrogenase domain containing 2; Zinc binding alcohol dehydrogenase domain containing protein 2; anti-ZADH2 antibody

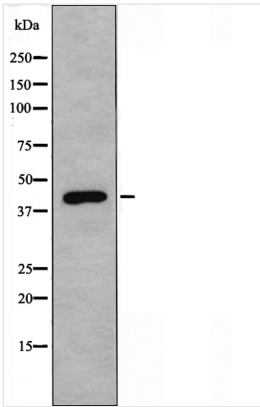
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ZADH2 antibody detects endogenous levels of total ZADH2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	254
Applicable Applications for anti-ZADH2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Peroxisome
Predicted Cross Reactivity	Bovine, Horse, Dog, Chicken, Xenopus
Similarity	Bovine (88%), Horse (88%), Dog (88%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

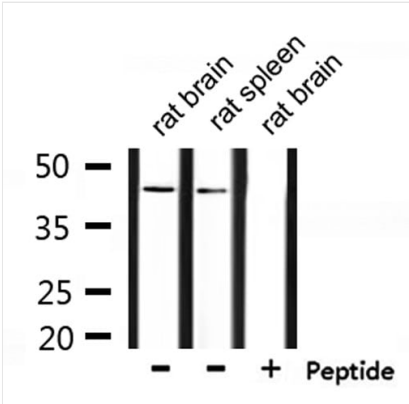
IMAGES



IF (Immunofluorescence)
AAA325282 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO cells using ZADH2 antibody.



WB (Western Blot)
Western blot analysis of extracts from rat brain and rat spleen, using ZADH2 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ZADH2 antibody	Function: Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1-alpha and 15-keto-PGE2-alpha with highest efficiency towards 15-keto-PGE2-alpha. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation. Similarity: Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807045864
NCBI GeneID	284273
NCBI Accession #	NP_001293022.1
NCBI GenBank Nucleotide #	NM_001306093.1
UniProt Accession #	Q8N4Q0; A8KA15; B4DZ91
Molecular Weight	Observed: 45 kD Predicted: 41 kDa
NCBI Official Full Name	prostaglandin reductase 3 isoform 2
NCBI Official Synonym Full Names	zinc binding alcohol dehydrogenase domain containing 2
NCBI Official Symbol	ZADH2
NCBI Official Synonym Symbols	PRG-3

NCBI Protein Information	prostaglandin reductase 3
UniProt Protein Name	Prostaglandin reductase 3
UniProt Gene Name	ZADH2
UniProt Synonym Gene Names	PRG-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zadh2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325282>