

Rabbit anti-Human, Mouse ALS2CR8 Polyclonal Antibody | anti-ALS2CR8 antibody

ALS2CR8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324453	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ALS2CR8; Polyclonal Antibody; ALS2CR8 Antibody; Amyotrophic lateral sclerosis 2 (juvenile) chromosome region candidate 8; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein; Calcium response factor; Calcium-response factor; Calcium-responsive transcription factor; CaRF; CARTF_HUMAN; Testis development protein NYD SP24; Testis development protein NYD-SP24; anti-ALS2CR8 antibody

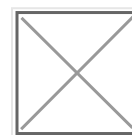
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ALS2CR8 antibody detects endogenous levels of total ALS2CR8
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	725
Applicable Applications for anti-ALS2CR8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (94%), Bovine (94%), Horse (100%), Sheep (94%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (94%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from mouse brain, using ALS2CR8 antibody.


WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using ALS2CR8 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA324453 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324453 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.

ADDITIONAL INFORMATION

Related Product Information for anti-ALS2CR8 antibody

Function: Acts as a transcriptional activator that mediates the calcium-and neuron-selective induction of BDNF exon III transcription. Binds to the consensus calcium-response element CaRE1 5'-CTATTTCGAG-3' sequence. Similarity: The N-terminus is necessary for DNA-binding. The C-terminus is necessary for transcriptional activation (PubMed:11832226).

NCBI AND UNIPROT INFORMATION

NCBI GI #	157168372
NCBI GeneID	79800
NCBI Accession #	NP_001098056.1
NCBI GenBank Nucleotide #	NM_001104586.3
UniProt Accession #	Q8N187; Q8ND29; Q8WXC0; Q96J78; Q96Q38; Q96Q39; Q9H712; B4E1W7; G3V1K7
Molecular Weight	Observed: 85 kD Predicted: 81 kDa
NCBI Official Full Name	calcium-responsive transcription factor isoform 1
NCBI Official Synonym Full Names	calcium responsive transcription factor
NCBI Official Symbol	CARF
NCBI Official Synonym Symbols	ALS2CR8; NYD-SP24
NCBI Protein Information	calcium-responsive transcription factor
UniProt Protein Name	Calcium-responsive transcription factor
UniProt Gene Name	CARF
UniProt Synonym Gene Names	ALS2CR8; CaRF

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/als2cr8-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324453>