

Rabbit anti-Human, Mouse NAB2 Polyclonal Antibody | anti-NAB2 antibody

NAB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323995	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NAB2; Polyclonal Antibody; NAB2 Antibody; EGR 1 binding protein 2; EGR-1-binding protein 2; EGR1 binding protein 2; MADER; Melanoma associated delayed early response protein; Melanoma-associated delayed early response protein; MGC75085; Nab 2; nab2; NAB2_HUMAN; NGFI A binding protein 2 (EGR1 binding protein 2); NGFI A binding protein 2; NGFI-A-binding protein 2; Protein MADER; anti-NAB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NAB2 antibody detects endogenous levels of total NAB2
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	461
Applicable Applications for anti-NAB2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus. Isoform 2 is not localized to the nucleus.
Tissue Specificity	Widely expressed at low levels. Highly expressed in melanoma cell lines.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323995 staining HT29 cells 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) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA323995 at 1/100 staining Human gastric 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.



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells using NAB2 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NAB2 antibody	Function: Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2. Isoform 2 lacks repression ability (By similarity). Subunit Structure: Homomultimers may associate with EGR1 bound to DNA. Post-translational Modifications: Sumoylation by EGR2 represses EGR2 transcriptional activity in hindbrain. Similarity: The NAB conserved domain 1 (NCD1) interacts with EGR1 inhibitory domain and mediates multimerization. The NAB conserved domain 2 (NCD2) is necessary for transcriptional repression. Belongs to the NAB family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1057867292
NCBI GeneID	4665
NCBI Accession #	NP_001317234.1
NCBI GenBank Nucleotide #	NM_001330305.1
UniProt Accession #	Q15742; O76006; Q14797; B2RAK3
Molecular Weight	Observed: 56 kD Predicted: 57 kDa
NCBI Official Full Name	NGFI-A-binding protein 2 isoform 2
NCBI Official Synonym Full Names	NGFI-A binding protein 2
NCBI Official Symbol	NAB2
NCBI Official Synonym Symbols	MADER
NCBI Protein Information	NGFI-A-binding protein 2
UniProt Protein Name	NGFI-A-binding protein 2
UniProt Gene Name	NAB2
UniProt Synonym Gene Names	MADER; Protein MADER

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/nab2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323995>