

Rabbit anti-Human, Mouse ER81 Polyclonal Antibody | anti-ER81 antibody

ER81 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323896	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ER81; Polyclonal Antibody; ER81 Antibody; DKFZp781L0674; ER81 protein; mouse; homolog of; ETS translocation variant 1; ets variant gene 1; Ets-related protein 81; Etsrp81; ETV 1; ETV1; ETV1_HUMAN; MGC104699; MGC120533; MGC120534; anti-ER81 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ER81 antibody detects endogenous levels of total ER81
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	454
Applicable Applications for anti-ER81 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Very highly expressed in brain, highly expressed in testis, lung and heart, moderately in spleen, small intestine, pancreas and colon, weakly in liver, prostate and thymus, very weakly in skeletal muscle, kidney and ovary and not in placenta and peripheral blood leukocytes.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%)
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 HUVEC cells treated with PMA using ER81 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323896 staining HuvEc 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.

ADDITIONAL INFORMATION

Related Product Information for anti-ER81 antibody	Function: Transcriptional activator that binds to DNA sequences containing the consensus pentanucleotide 5'-CGGA[AT]-3'. Post-translational Modifications: Sumoylated. Phosphorylated at Ser-191 and Ser-216 by RPS6KA1 and RPS6KA5; phosphorylation activates transcriptional activity. Similarity: Belongs to the ETS family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	253683427
NCBI GeneID	2115
NCBI Accession #	NP_001156619.1
NCBI GenBank Nucleotide #	NM_001163147.1
UniProt Accession #	P50549; O75849; Q4KMQ6; Q59GA7; A4D118; B2R768; B7Z2I4; B7Z618; B7Z9P2; C9JT37; E9PHB1; F5GXR2
Molecular Weight	Observed: 60 kD Predicted: 56 kDa
NCBI Official Full Name	ETS translocation variant 1 isoform b
NCBI Official Synonym Full Names	ETS variant 1
NCBI Official Symbol	ETV1
NCBI Official Synonym Symbols	ER81
NCBI Protein Information	ETS translocation variant 1
UniProt Protein Name	ETS translocation variant 1
UniProt Gene Name	ETV1
UniProt Synonym Gene Names	ER81

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/er81-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323896>