

Rabbit ER81 Polyclonal Antibody | anti-ER81 antibody

Rabbit anti ER81 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14073	Rabbit	Mouse, Human, Rat	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, Immunoprecipitation

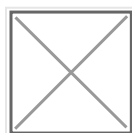
PRODUCT SYNONYMS

ER81; Polyclonal Antibody; Rabbit anti ER81 Polyclonal Antibody; Ets-related transcription factor ER81; Ets variant protein ER81; Ets variant gene1; anti-ER81 antibody

PRODUCT SPECIFICATIONS

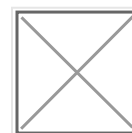
Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes ~56 kDa of ER81 protein. This antibody also reacts with human, mouse, and rat. The other species are not tested.
Purity/Purification	Rabbit IgG is purified by Epitope Affinity Purification
Form/Format	The affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-ER81 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation)
Application Notes	ELISA: 0.01-0.1 ug/ml Immunoprecipitation: 2-5 ug/mL Immunohistochemistry: 2-10 ug/ml Western Blot: 0.1-1 ug/ml Optimal dilutions should be determined by researchers for the specific applications. Other species are not tested.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation	A synthetic peptide corresponding to the C-terminus of human ER81 protein. This sequence is identical within human, rat, mouse, bovine, dog and chicken.
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry: Lung tissue (FFPE) stained with Rabbit anti-ER81 (Cat# AAA14073) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.



WB (Western Blot)

WB: The tissue lysate derived from mouse brain was immunoprobed by Rabbit anti-ER81 (AAA14073) at 1:500. An around ~56kDa (lane 1). This band is blocked by pre-incubation with immunizing peptide (Lane 2)

ADDITIONAL INFORMATION

Related Product Information for anti-ER81 antibody	The ETS transcription factors Ets2, ER81 and Elk1 belong to the Ets transcription factor family. ER81 (also designated ETV1) binds the motif 5'-CGGAA/T-3'. It is a prerequisite for normal development. An abnormal regulation contributes to neoplasia. ER81 is highly expressed in brain, testis, lung and heart. ER81 is also moderately expressed in spleen, pancreas, colon and small intestine. During development, ER81, PEA3 and ERM display unique expression patterns which suggest these transcriptional factors play an important role in organogenesis. ERK-1 activates ER81 transcriptional activity while MAPKAP kinase 2 inhibits ER81. ER81 also can be acetylated at N-terminus (Lys33 and Lys116).
References	Martine Pastorcic, et al. Ets transcription factors ER81 and Elk1 regulate the transcription of the human presenilin 1 gene promoter. Molecular Brain Research, 113 (1-2), 57-66, 2003.

NCBI AND UNIPROT INFORMATION

NCBI GI #	253683433
NCBI GeneID	2115
NCBI Accession #	NP_001156622.1
NCBI GenBank Nucleotide #	NM_001163150.1
Molecular Weight	62 kDa
NCBI Official Full Name	ETS translocation variant 1 isoform d
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-flow-cytometry-immunohistochemistry-western-blot-immunoprecipitation-elisa/14073>