

Rabbit ERG Polyclonal Antibody | anti-ERG antibody

ERG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326146	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ERG; Polyclonal Antibody; ERG Antibody; Avian erythroblastosis virus E-26 (v-ets) oncogene related; D030036I24Rik; Erg 3; Erg; ERG/EWS fusion gene; included; ERG/FUS fusion gene; ERG/TMPSSR2 fusion gene; ERG_HUMAN; ERG1; ERG2; ets related; ETS-related gene; KCNH2; Oncogene ERG; p55; TMPRSS2/ERG fusion; transcriptional regulator ERG (transforming protein ERG); Transcriptional regulator ERG; Transforming protein ERG; v ets avian erythroblastosis virus E26 oncogene; v ets avian erythroblastosis virus E26 oncogene related; v ets erythroblastosis virus E26 oncogene homolog; v ets erythroblastosis virus E26 oncogene like; v ets erythroblastosis virus E26 oncogene like isoform 2; v-ets erythroblastosis virus E26 oncogene; v-ets erythroblastosis virus E26 oncogene homolog (avian); V-ets erythroblastosis virus E26 oncogene like (Avian); isoform CRA_e; anti-ERG antibody

PRODUCT SPECIFICATIONS

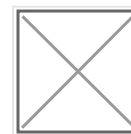
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ERG antibody detects endogenous levels of total ERG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	486
Applicable Applications for anti-ERG antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ERG coresponding to a region within the C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA326146 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(DF6372) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody



IHC (Immunohistochemistry)

AAA326146 at 1/100 staining Mouse brain 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 Hela and 293, using ERG Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ERG antibody

Description: This gene encodes a member of the erythroblast transformation-specific (ETS) family of transcriptions factors. All members of this family are key regulators of embryonic development, cell proliferation, differentiation, angiogenesis, inflammation, and apoptosis. The protein encoded by this gene is mainly expressed in the nucleus. It contains an ETS DNA-binding domain and a PNT (pointed) domain which is implicated in the self-association of chimeric oncoproteins. This protein is required for platelet adhesion to the subendothelium, inducing vascular cell remodeling. It also regulates hematopoiesis, and the differentiation and maturation of megakaryocytic cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209954797
NCBI GeneID	2078
NCBI Accession #	NP_001129626.1
NCBI GenBank Nucleotide #	NM_001136154.1
UniProt Accession #	P11308; Q16113; Q6XXX4; Q6XXX5; Q8IXK9; B4DTW5; B4E0T4
Molecular Weight	Observed: 55 kDa Predicted: 55 kDa
NCBI Official Full Name	transcriptional regulator ERG isoform 3
NCBI Official Synonym Full Names	ETS transcription factor ERG
NCBI Official Symbol	ERG
NCBI Official Synonym Symbols	p55; erg-3
NCBI Protein Information	transcriptional regulator ERG
UniProt Protein Name	Transcriptional regulator ERG
UniProt Gene Name	ERG

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/erg-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326146>