

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

ERG Antibody

CATALOG # AAA301796	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
-------------------------------	-----------------------	-----------------------------------	-------------------------------------

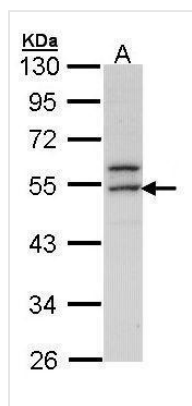
PRODUCT SYNONYMS

ERG; Polyclonal Antibody; ERG Antibody; erg-3 antibody; p55 antibody; ERG antibody; transcriptional regulator ERG antibody; v-ets erythroblastosis virus E26 oncogene like antibody; v-ets avian erythroblastosis virus E26 oncogene related antibody; transcriptional regulator ERG (transforming prot; anti-ERG antibody

PRODUCT SPECIFICATIONS

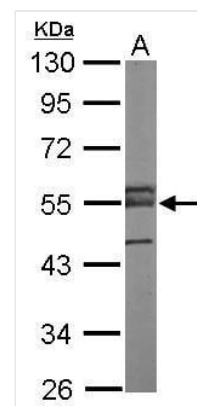
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ERG protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	486
Applicable Applications for anti-ERG antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 243 and 486 of ERG.
Target Name	ERG
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

Sample (30 ug of whole cell lysate) A: Molt-4 10% SDS PAGE diluted at 1:1000



Application Data

Sample (50 ug of whole cell lysate) A: Mouse brain 10% SDS PAGE diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-ERG antibody	ERG Transcriptional regulator. May participate in transcriptional regulation through the recruitment of SETDB1 histone methyltransferase and subsequent modification of local chromatin structure. Defects in ERG are a cause of Ewing sarcoma (ES). A highly malignant, metastatic, primitive small round cell tumor of bone and soft tissue that affects children and adolescents. It belongs to the Ewing sarcoma family of tumors, a group of morphologically heterogeneous neoplasms that share the same cytogenetic features. They are considered neural tumors derived from cells of the neural crest. Ewing sarcoma represents the less differentiated form of the tumors. A chromosomal aberration involving ERG is found in patients with Erwing sarcoma. Translocation t(21;22)(q22;q12) with EWSR1. Chromosomal aberrations involving ERG have been found in acute myeloid leukemia (AML). Translocation t(16;21)(p11;q22) with FUS. Translocation t(X;21)(q25-26;q22) with ELF4. Belongs to the ETS family. 6 isoforms of the human protein are produced by alternative splicing.
Product Categories/Family for anti-ERG antibody	Total protein Ab

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	36,541 Da
NCBI Official Full Name	transcriptional regulator ERG isoform 3
NCBI Official Synonym Full Names	v-ets avian erythroblastosis virus E26 oncogene homolog
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
UniProt Entry Name	ERG_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/erg-antibody-western-blot-elisa/301796>