

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

ERG Antibody

CATALOG # AAA301694	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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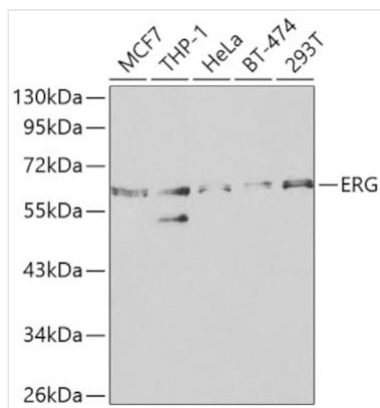
PRODUCT SYNONYMS

ERG; Polyclonal Antibody; ERG Antibody; erg-3; p55; anti-ERG antibody

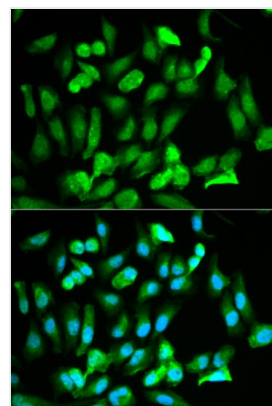
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous level of total ERG protein.
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	486
Applicable Applications for anti-ERG antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human ERG (NP_891548.1).
Target Name	ERG
Preparation and Storage	Store at -20 degree C

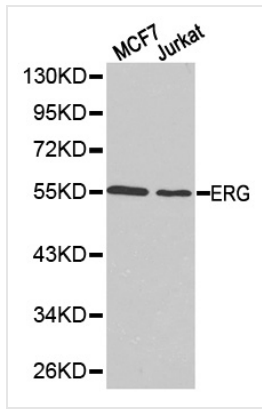
IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ERG antibody


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using ERG antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts f MCF7 cell and Jurkat cell using ERG antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ERG antibody	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. This gene is involved in chromosomal translocations, resulting in different fusion gene products, such as TMPSSR2-ERG and NDRG1-ERG in prostate cancer, EWS-ERG in Ewing's sarcoma and FUS-ERG in acute myeloid leukemia. More than two dozens of transcript variants generated from combinatorial usage of three alternative promoters and multiple alternative splicing events have been reported, but the full-length nature of many of these variants has not been determined
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	SDS-PAGE MW: 60kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/erg-antibody-western-blot-elisa/301694>