

Rabbit ERG Monoclonal Antibody | anti-ERG antibody

ERG Antibody

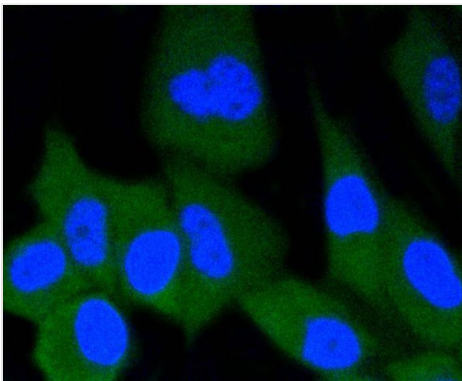
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30016	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

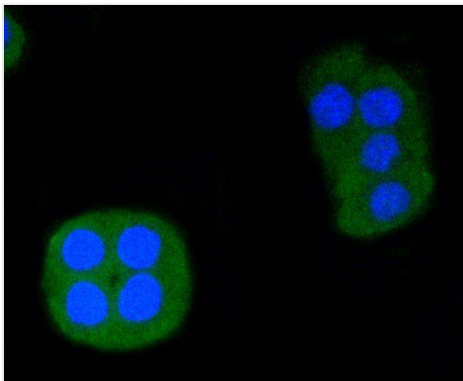
ERG; Monoclonal Antibody; ERG Antibody; Avian erythroblastosis virus E-26 (v-ets) oncogene related antibody; D030036124Rik antibody; Erg 3 antibody; Erg antibody; ERG/EWS fusion gene; included antibody; ERG/FUS fusion gene; ERG/TMPSSR2 fusion gene; ERG_HUMAN antibody; ERG1; ERG2; ets related antibody; ETS-related gene antibody; KCNH2 antibody; Oncogene ERG antibody; p55 antibody; TMPRSS2/ERG fusion antibody; transcriptional regulator ERG (transforming protein ERG) antibody; Transcriptional regulator ERG antibody; Transforming protein ERG antibody; v ets avian erythroblastosis virus E26 oncogene antibody; v ets avian erythroblastosis virus E26 oncogene related antibody; v ets erythroblastosis virus E26 oncogene homolog antibody; v ets erythroblastosis virus E26 oncogene like antibody; v ets erythroblastosis virus E26 oncogene like isoform 2 antibody; v-ets erythroblastosis virus E26 oncogene antibody; v-ets erythroblastosis virus E26 oncogene homolog (avian) antibody; V-ets erythroblastosis virus E26 oncogene like (Avian); isoform CRA_e antibody; anti-ERG antibody

PRODUCT SPECIFICATIONS

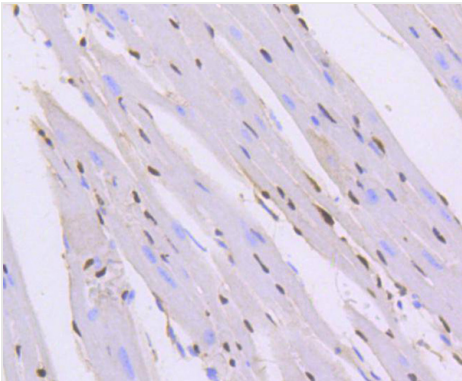
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SP06-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ERG antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), ChIP (Chromatin Immunoprecipitation)
Application Notes	WB: 1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



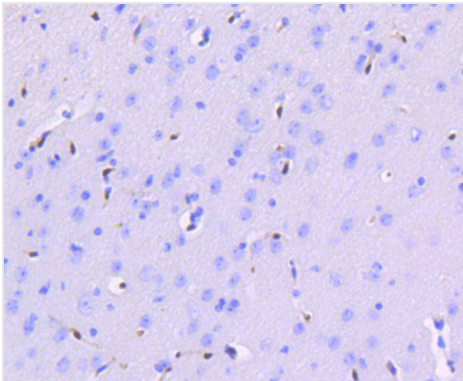
ICC (Immunocytochemistry)
ICC staining ERG in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



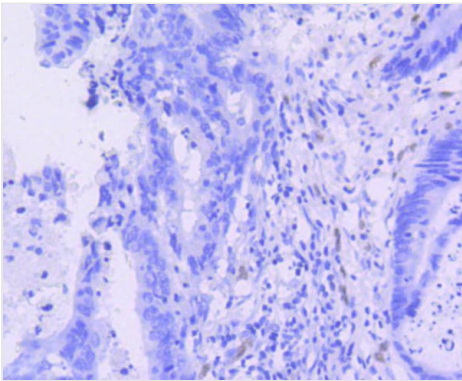
ICC (Immunocytochemistry)
ICC staining ERG in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



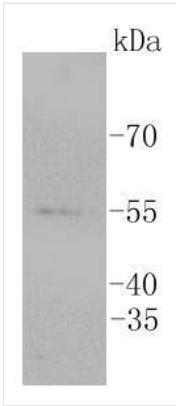
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-ERG antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-ERG antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-ERG antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of ERG on Jurkat cell lysates using anti-ERG antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ERG antibody	Ets-1 is the prototype member of a family of genes identified on the basis of homology to the v-Ets oncogene isolated from the E26 erythroblastosis virus. This family of genes currently includes Ets-1, Ets-2, Erg-1C3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ER8I, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF. Members of the Ets gene family exhibit varied patterns of tissue expression, and share a highly conserved carboxy-terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. This conserved domain is essential for Ets-1 binding to DNA and is likely to be responsible for the DNA binding activity of all members of the Ets gene family. Several of these proteins have been shown to recognize similar motifs in DNA that share a centrally located 5'-GGAA-3' element. Erg genes encode for multiple proteins due to alternative splicing and alternative usage of initiation codons.
Product Categories/Family for anti-ERG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	152031600
NCBI GeneID	2078
UniProt Accession #	P11308; Q16113; Q6XXX4; Q6XXX5; Q8IXK9; B4DTW5; B4E0T4
Molecular Weight	486
NCBI Official Full Name	Transcriptional regulator ERG
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; ets-related; TMPRSS2/ERG fusion; v-ets erythroblastosis virus E26 oncogene like; v-ets erythroblastosis virus E26 oncogene homolog; v-ets avian erythroblastosis virus E26 oncogene related; transcriptional regulator ERG (tran
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://www.aaabiotech.com/monoclonal/erg-antibody-clone-sp06-04-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-chromatin-immunoprecipitation-elisa/30016>