

Rabbit Early Growth Response Protein 2 Polyclonal Antibody | anti-EGR2 antibody

Polyclonal Antibody to Early Growth Response Protein 2 (EGR2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20889	Rabbit	Human, Mouse, Rat, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Early Growth Response Protein 2; Polyclonal Antibody; Polyclonal Antibody to Early Growth Response Protein 2 (EGR2); anti-EGR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against EGR2. It has been selected for its ability to recognize EGR2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-GPLGVCTM SQTQPDLDHL YSPPPPPPY SGCAGDLYQD PSAFLSAATT STSSSLAYPP PPSYSPKPA TDPGLFPMIP DYPGFFPSQC QRD LHGTAGP DRKPFPCPLD TLRVPPPLTP LSTIRNFTLG GPSAGVTGPG ASGGSEGPRL PGSSSSAAAAA AAAAAYNPHH LPLRPILRPR KYPNRPSTP VHERPYCPA EGCDRRFSRS DELTRHIRIH TGHKPFQCRI CMRNFSRSDH LTTHIRHTG EKPFC
Applicable Applications for anti-EGR2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.2-2ug/mL; 1:250-2500 Immunohistochemistry: 5-20ug/mL; 1:25-100 Immunocytochemistry: 5-20ug/mL; 1:25-100 Optimal working dilutions must be determined by end user.
Fragment	EGR2 (Gly147~Cys403)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant EGR2 (Gly147~Cys403) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: EGR2 knockout HepG2 cell lysate; Predicted MW: 50.45kd Observed MW: 45kd Primary Ab: 1ug/ml Rabbit Anti-Human EGR2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on fromalin fixed paraffin-embedded ovary tissue



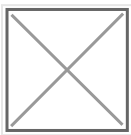
WB (Western Blot)

Western Blot: Sample: Human U87MG cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human EGR2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



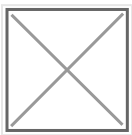
WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Porcine Kidney lysate; Primary Ab: 1ug/ml Rabbit Anti-Human EGR2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot: Sample: Porcine Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Human EGR2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-EGR2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9845524
NCBI GeneID	1959
NCBI Accession #	NP_000390.2
NCBI GenBank Nucleotide #	NM_000399.4
UniProt Accession #	P11161; Q68CZ5; Q8IV26; Q9UNA6; B2R724; B3KRD7
Molecular Weight	44,970 Da
NCBI Official Full Name	E3 SUMO-protein ligase EGR2 isoform a
NCBI Official Synonym Full Names	early growth response 2
NCBI Official Symbol	EGR2
NCBI Official Synonym Symbols	AT591; CMT1D; CMT4E; KROX20
NCBI Protein Information	E3 SUMO-protein ligase EGR2
UniProt Protein Name	E3 SUMO-protein ligase EGR2
UniProt Gene Name	EGR2
UniProt Synonym Gene Names	KROX20; EGR-2

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/early-growth-response-protein-2-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20889>