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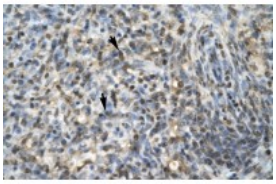
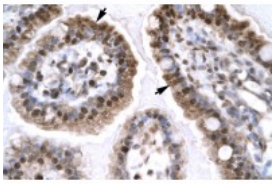
EGR1 Antibody

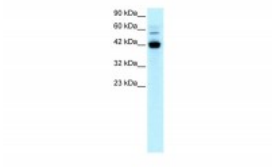
CATALOG NUMBER: 27-526



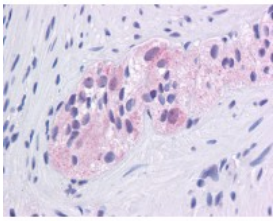
Antibody used in IHC on Human Spleen at 4.0-8.0 ug/ml.



Antibody used in IHC on Human Intestine at 4.0-8.0 ug/ml.



Antibody used in WB on Human Jurkat 1 ug/ml.



Antibody used in IHC on Human colon at 5.0 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	EGR1 antibody can be used for detection of EGR1 by ELISA at 1:62500. EGR1 antibody can be used for detection of EGR1 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. XBL-10410 - Fetal Lung Tissue Lysate
PREDICTED MOLECULAR WEIGHT:	57 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human EGR1.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml

STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store EGR1 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	EGR1, AT225, G0S30, KROX-24, NGFI-A, TIS8, ZIF-268, ZNF225
ACCESSION NO.:	NP_001955
PROTEIN GI NO.:	4503493
OFFICIAL SYMBOL:	EGR1
GENE ID:	1958

Background

BACKGROUND:	Early Growth Response Protein 1 (EGR1, Krox-24 protein, nerve growth factor-induced protein A, Transcription factor ETR103, Zinc finger protein 225) belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentitation and mitogenesis. Studies suggest this is a cancer suppresor gene. The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentitation and mitogenesis. Studies suggest this is a cancer suppresor gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
REFERENCES:	1) Akutagawa, O., (2008) Cancer Sci. 99 (7), 1401-1406.

FOR RESEARCH USE ONLY

December 12, 2016