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Product datasheet for TA384144

EGR1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	WB: 1/500-1/2000 IHC: 1/100-1/300 IF: 1/200-1/1000 ELISA: 1/20000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized peptide derived from human EGR1/2. AA range:371-420
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Observed MW (kDa):50
Gene Name:	early growth response 1
Database Link:	Entrez Gene 1958 Human P11161
Background:	Swiss-Prot Acc.P18146/P11161.Early growth response 1 encoded by EGR1 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 suppressor gene.
Synonyms:	AT225; EGR-1; G0S30; KROX-24; NGFI-A; TIS8; ZIF-268; ZNF225

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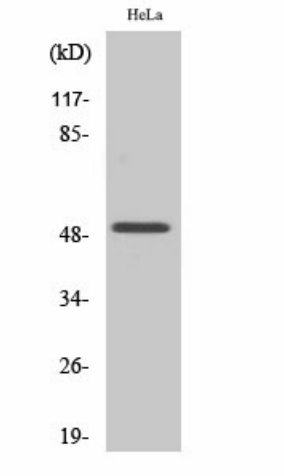
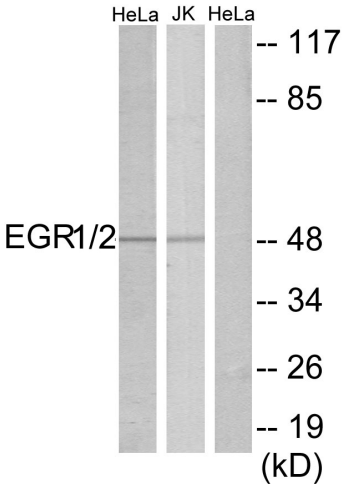
Product images:



Western blot analysis of EGR2 in various lysates using Egr2 antibody.



Western blot analysis of EGR2 in HeLa and Jurkat lysates using EGR1/2 antibody. The lane on the right is blocked with the synthesized peptide.