

Anti-Egr1 Monoclonal Antibody

Catalog Number: M00687

About EGR1

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

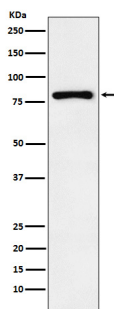
Product Name	Anti-Egr1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Egr1 Monoclonal Antibody catalog # M00687. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal ADHF-5
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P18146

Technical Details

Immunogen	A synthesized peptide derived from human Egr1.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:10000-1:50000 IHC 1:50-1:200 ICC/IF 1:50-1:200
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Anti-Egr1 Monoclonal Antibody (M00687) Images



Western blot analysis of Egr1 expression in 293T cell lysate treated with 20% FBS.

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