Rabbit anti-Human, Mouse IEX-1 Polyclonal Antibody | anti-IEX-1 antibody

IEX-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301159	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

IEX-1; Polyclonal Antibody; IEX-1 Antibody; Immediate early response 3; IER3; DIF2; PRG1; GLY96; anti-IEX-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	156
Applicable Applications for anti-IEX-1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 24 amino acid peptide near the center of human IEX1.
Target Name	IEX-1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of IEX-1 in human liver tissue with IEX-1 antibody at 2.5 ug/mL.

WB (Western Blot)
Western blot analysis of IEX1 in human brain tissue lysate with IEX1 antibody at (A) 2 and (B) 4 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IEX-1 antibody	IEX-1 is a stress inducible gene that is induced by ionizing radiation, ultraviolet radiation, and a variety of growth factors, i.e., FAS and TNF-a. IEX-1 is widely expressed in epithelial and endocrine tissues, as well as in vascular endothelium. It plays an important role in the regulation of cellular growth, cell death and oncogenesis. IEX-1 is precisely regulated by multiple transcription factors such as p53, NF-kB/rel, Sp1 and c-Myc, to ensure rapid and transient expression of IEX-1 in cells under a variety of stress conditions. IEX-1 is expressed as both a longer form (IEX1L) and a splice variant, designated IEX1S. It is localized to the nucleus and perinuclear region. Overexpression of IEX-1 facilitates apoptosis and cell cycle progression, whereas disruption of IEX-1 expression is associated with decreases in both apoptosis and cell cycle progression.

Product Categories/Family for anti-IEX-1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119964723
NCBI GeneID	8870
NCBI Accession #	NP_003888.2
NCBI GenBank Nucleotide #	NM_003897.3
UniProt Accession #	P46695; Q5SU30; Q92691; Q93044
Molecular Weight	16,903 Da
NCBI Official Full Name	radiation-inducible immediate-early gene IEX-1
NCBI Official Synonym Full Names	immediate early response 3
NCBI Official Symbol	IER3
NCBI Official Synonym Symbols	DIF2; IEX1; PRG1; DIF-2; GLY96; IEX-1; IEX-1L
NCBI Protein Information	radiation-inducible immediate-early gene IEX-1
UniProt Protein Name	Radiation-inducible immediate-early gene IEX-1
UniProt Gene Name	**IER3**
UniProt Synonym Gene Names	DIF2; IEX1; PRG1; Protein DIF-2; Protein PRG1
UniProt Entry Name	IEX1_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://stage.aaabiotech.com/polyclonal/iex-1-antibody-immunohistochemistry-western-blot-elisa/301159