

Rabbit anti-Human, Mouse IEX-1 Polyclonal Antibody | anti-IER3 antibody

IEX-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39668	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

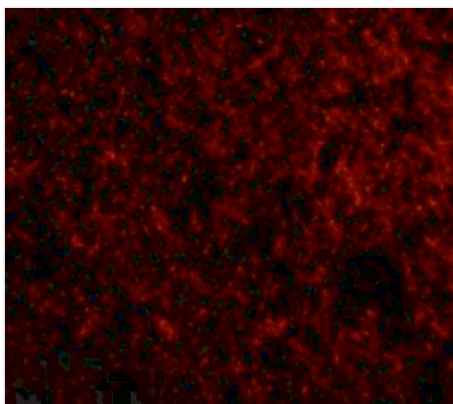
PRODUCT SYNONYMS

IEX-1; Polyclonal Antibody; IEX-1 Antibody; DIF2; IEX1; PRG1; DIF-2; GLY96; IEX-1L; Radiation-inducible immediate-early gene IEX-1; Differentiation-dependent gene 2 protein; Protein DIF-2; immediate early response 3; anti-IER3 antibody

PRODUCT SPECIFICATIONS

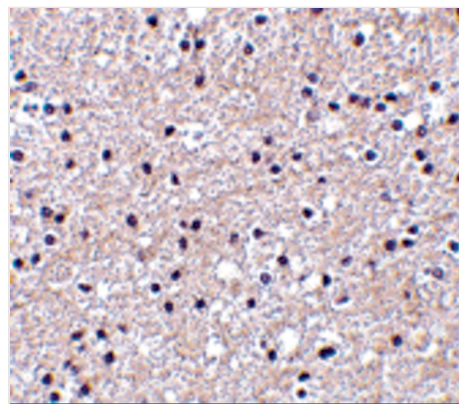
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IEX-1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	156
Applicable Applications for anti-IER3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IEX1 antibody was raised against a 24 amino acid synthetic peptide near the center of human IEX1.
Buffer	IEX-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



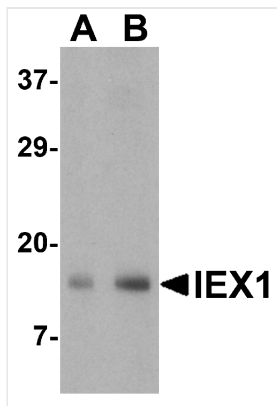
IF (Immunofluorescence)

Immunofluorescence of IEX-1 in Human Brain cells with IEX-1 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of IEX-1 in human liver tissue with IEX-1 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of IEX-1 in mouse skin tissue lysate with IEX-1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IER3 antibody

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-?. 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-?B/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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3123229
NCBI GeneID	8870
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; protein DIF-2; anti-death protein; gly96, mouse, homolog of; immediately early gene X-1; immediate early protein GLY96; PACAP-responsive gene 1 protein; expressed in pancreatic carcinoma; immediate early response 3 protein; differentiation-dependent gene 2 protein
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-immunofluorescence-immunohistochemistry-western-blot-elisa/39668>