

IER3 / IEX-1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11688**Specification**

IER3 / IEX-1 Antibody (Internal) - Product Information

Application	WB, IHC-P
Primary Accession	P46695
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

IER3 / IEX-1 Antibody (Internal) - Additional Information**Gene ID** 8870**Other Names**

Radiation-inducible immediate-early gene IEX-1, Differentiation-dependent gene 2 protein, Protein DIF-2, Immediate early protein GLY96, Immediate early response 3 protein, PACAP-responsive gene 1 protein, Protein PRG1, IER3, DIF2, IEX1, PRG1

Target/Specificity

a 24 amino acid peptide near the center of human IEX1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

IER3 / IEX-1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

IER3 / IEX-1 Antibody (Internal) - Protein Information**Name** IER3**Synonyms** DIF2, IEX1, PRG1**Function**

May play a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. Also acts as an ERK downstream effector mediating survival. As a member of the NUPR1/RELB/IER3 survival pathway, may provide pancreatic ductal adenocarcinoma with remarkable resistance to cell stress, such as starvation or gemcitabine treatment.

Cellular Location

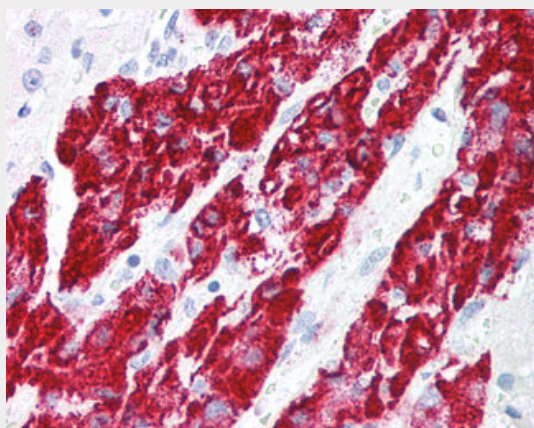
Membrane; Single- pass type II membrane protein

IER3 / IEX-1 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IER3 / IEX-1 Antibody (Internal) - Images



Anti-IEX1 antibody IHC of human adrenal.

IER3 / IEX-1 Antibody (Internal) - Background

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IER3 / IEX-1 Antibody (Internal) - References

Kondratyev A.D., et al. Cancer Res. 56:1498-1502(1996).
Schaefer H., et al. Cancer Res. 56:2641-2648(1996).
Pietzsch A., et al. Biochem. Biophys. Res. Commun. 235:4-9(1997).
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Shiina S., et al. Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.