IEX-1 Antibody

Catalog No: #24541

Description



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Product Name	IEX-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 24 amino acid peptide near the center of human IEX1.
Target Name	IEX-1
Other Names	Immediate early response 3, IER3, DIF2, PRG1, GLY96
Accession No.	P46695
Uniprot	P46695
GeneID	8870;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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



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

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





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

Background

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-α. 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-κB/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.

Note: This product is for in vitro research use only