IER5 polyclonal antibody

Catalog # PAB7200 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of IER5.
Immunogen	A synthetic peptide corresponding to human IER5.
Sequence	C-QPPSGGEDDDAEE
Host	Goat
Theoretical MW (kDa)	33.7
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) Western blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IER5

Entrez GeneID	51278
Protein Accession#	NP_057629.1
Gene Name	IER5
Gene Alias	MGC102760, SBBI48
Gene Description	immediate early response 5
Omim ID	607177
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is similar to other immediate early response proteins. In the mou se, a similar gene may play an important role in mediating the cellular response to mitogenic sign als. Studies in rats found the expression of a similar gene to be increased after waking and sleep deprivation. [provided by RefSeq
Other Designations	OTTHUMP00000033133

Publication Reference

- Gene expression in the brain across the sleep-waking cycle.

  Cirelli C, Tononi G.

  Brain Research 2000 Dec; 885(2):303.