

## IER5 polyclonal antibody

Catalog # PAB7200 Size 100 ug

Product Description         Goat polyclonal antibody raised against synthetic peptide of IER5.           Immunogen         A synthetic peptide corresponding to human IER5.           Sequence         C-QPPSGGEDDDAEE           Host         Goat           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         Storage at -20°C, Aliquot to avoid repeated freezing and thawing.           Note         This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be be handled by trained staff only.		
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 shoul	Specification	
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	Note	

## **Applications**

Western Blot



• Enzyme-linked Immunoabsorbent Assay

Gene Info — IER5	
Entrez GenelD	<u>51278</u>
Protein Accession#	NP_057629.1
Gene Name	IER5
Gene Alias	MGC102760, SBB48
Gene Description	immediate early response 5
Omim ID	<u>607177</u>
Gene Ontology	<u>Hyperlink</u>
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.