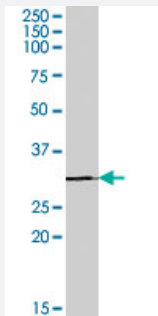


IGFBP4 polyclonal antibody

Catalog # PAB7464

Size 100 ug

Applications



Western Blot (Tissue lysate)

IGFBP4 polyclonal antibody (Cat # PAB7464) (1 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of IGFBP4.

Immunogen A synthetic peptide corresponding to human IGFBP4.

Sequence KGELDCHQLADSFRE

Host Goat

Theoretical MW (kDa) 27.9

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:8000)
 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 (Tissue lysate)

IGFBP4 polyclonal antibody (Cat # PAB7464) (1 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IGFBP4

Entrez GeneID	3487
Protein Accession#	NP_001543.2
Gene Name	IGFBP4
Gene Alias	BP-4, HT29-IGFBP, IBP4, IGFBP-4
Gene Description	insulin-like growth factor binding protein 4
Omim ID	146733
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encode s a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq]
Other Designations	IGF-binding protein 4 insulin-like growth factor-binding protein 4

Publication Reference

- [Biology of insulin-like growth factor binding protein-4 and its role in cancer \(review\).](#)

Durai R, Davies M, Yang W, Yang SY, Seifalian A, Goldspink G, Winslet M.

International Journal of Oncology 2006 Jun; 28(6):1317.

Application: WB-Ce, WB-Tr, Human, Mouse, ALVA-31 cells, Cancers, M12 cells

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