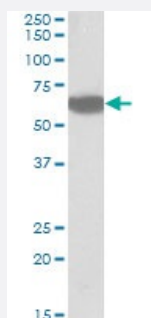


BTD polyclonal antibody

Catalog # PAB27622 Size 100 ug

Applications



Western Blot (Tissue lysate)

BTD polyclonal antibody (Cat # PAB27622) (0.5ug/ml) staining of human liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BTD.
Immunogen	A synthetic peptide corresponding to amino acids 372-385 at internal region of human BTD.
Sequence	EKDAQEVHCDEATK
Host	Goat
Theoretical MW (kDa)	60
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (0.5-1.5ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

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)

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Gene Info — BTD

Entrez GeneID[686](#)**Protein Accession#**[NP_000051.1](#)**Gene Name**

BTD

Gene Alias

-

Gene Description

biotinidase

Omim ID[253260 609019](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Biotinidase functions to recycle biotin in the body by cleaving biocytin (biotin-epsilon-lysine), a normal product of carboxylase degradation, resulting in regeneration of free biotin. Biotinidase has also been shown to have biotinyl-transferase activity. Defects in the biotinidase gene cause multiple carboxylase deficiency. [provided by RefSeq]

Other Designations

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Pathway

- [Biotin metabolism](#)
- [Metabolic pathways](#)

Disease

- [Metabolism](#)