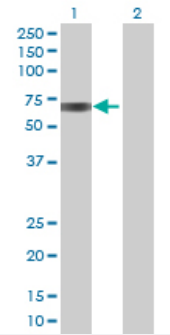
MaxPab®

# BTD MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000686-B01P Size 50 ug

## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of BTD expression in transfected 293T cell line (H00000686-T01) by BTD MaxPab polyclonal antibody.

Lane 1: BTD transfected lysate(59.73 KDa).
Lane 2: Non-transfected lysate.

## Specification

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|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length human BTD protein. |
| **Immunogen** | BTD (NP_000051.1, 1 a.a. ~ 543 a.a) full-length human protein. |
| **Sequence** | MAHAHIQGGRRAKSRFVVCIMSGARSKLALFLCGCYVVALGAHTGEESVADHHEAEYYVAAVYE HPSILSLNPLALISRQEALELMNQNLDIYEQQVMTAAQKDVQIIVFPEDGIHGFNFTRTSIYPFLDFMP SPQVVRWNPCLEPHRFNDTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCPKDGRYQFNT NVVFSNNGTLVDRYRKHNLYFEAAFDVPLKVDLITFDTPFAGRFGIFTCFDILFFDPAIRVLRDYKVK HVVYPTAWMNQLPLLAAIEIQKAFAVAFGINVLAANVHHPVLGMTGSGIHTPLESFWYHDMENPKS HLIIAQVAKNPVGLIGAENATGETDPSHSKFLKILSGDPYCEKDAQEVHCDEATKWNVNAPPTFHS EMMYDNFTLVPVWGKEGYLHVCSNGLCCYLLYERPTLSKELYALGVFDGLHTVHGTYYIQVCALV RCGGLGFDTCGQEITEATGIFEFHLWGNFSTSYIFPLFLTSGMTLEVPDQLGWENDHYFLRKSRLS SGLVTAALYGRLYERD |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Quality Control Testing** | Antibody reactive against mammalian transfected lysate. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |

| | |
|---|---|
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

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  Protocol Download

## Gene Info — BTD

| | |
|---|---|
| **Entrez GeneID** | 686 |
| **GeneBank Accession#** | NM_000060.2 |
| **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** | - |

## Pathway

- Biotin metabolism
- Metabolic pathways

## Disease

- Metabolism