



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## BTD MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00000686-B01

規格 : [ 50 uL ]

[List All](#)

### Specification

**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:**  
 MAHAHIQGGRRAKSRFVVCIMSGARSKLALFLCGCYVVALGAHTGEESV  
 ADHHEAEYYVAAYVEHPSILSLNPLALISRQEALMNQNLDIYEQQVMTA  
 AQKDVQIIVFPEDGIHGFNFTRTSIYPFLDFMPSPQVVRWNPCLPHRFN  
 DTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCPKDGRYQFNTNV  
 VFSNNGTLVDRYRKHNLIFYEAAFVPLKVDLITFDTPFAGRFGIFTCFDIL  
 FFDPAIRVLRDYKVKHVVYPTAWMNQLPLLAIEIQKAFAVAFGINVLAAN  
 VHHPVLGMTGSGIHTPLESFWYHDMENPKSHLIAQVAKNPVGLIGAENAT  
 GETDPSHSKFLKILSGDPYCEKDAQEVHCDEATKWNVNAPPTFHSEMMY  
 DNFTLVPVWGKEGYLHVCSNGLCCYLLYERPTLSKELYALGVFDGLHTV  
 HGTYIQVCALVRCGGLGFDTCGQEITEATGIFEHFLWGNFSTSYIFPLF  
 LTSGMTLEVPDQLGWENDHYFLRKSRLSSGLVTAALYGRLYERD

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

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

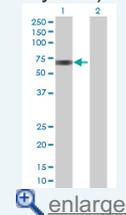
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Application Image

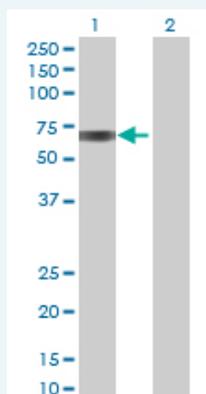
Western Blot (Transfected lysate)



[enlarge](#)

### 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.

 [Protocol Download](#)

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### Gene Information

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**Entrez GeneID:** [686](#)

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**GeneBank  
Accession#:** [NM\\_000060.2](#)

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**Protein  
Accession#:** [NP\\_000051.1](#)

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**Gene Name:** BTD

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**Gene Alias:** -

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**Gene  
Description:** biotinidase

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**Omim ID:** [253260](#), [609019](#)

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**Gene Ontology:** [Hyperlink](#)

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**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]

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**Other  
Designations:** -

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### Gene Pathway

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

### Related Disease

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[Metabolism, Inborn Errors](#)

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