



# 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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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

**PTS purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00005805-B01P

規格 : [ 50 ug ]

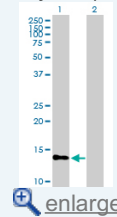
[List All](#)

**Specification**

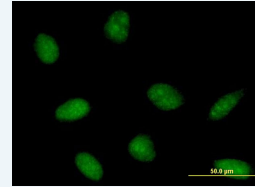
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human PTS protein.
<b>Immunogen:</b>	PTS (NP_000308.1, 1 a.a. ~ 145 a.a) full-length human protein.
<b>Sequence:</b>	MSTEGGGRRRCQAQVSRISFSASHRLYSKFLSDEENLKLFGKCNPNPG HGHNYKVVVTVHGEIDPATGMVMNLADLK KYMEEAIMQPLDHNLDMDV PYFADVSTTENVAVYWDNLQKVLVPGVLYKVKVYETDNNIVVYKGE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	<a href="#">Download</a>
<b>Datasheet:</b>	<a href="#">Download</a>

**Application Image**

Western Blot (Transfected lysate)

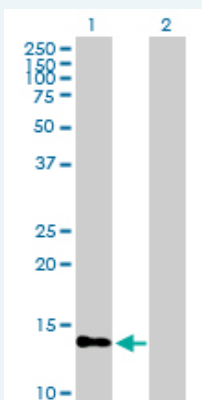


Immunofluorescence



**Applications**

Western Blot (Transfected lysate)

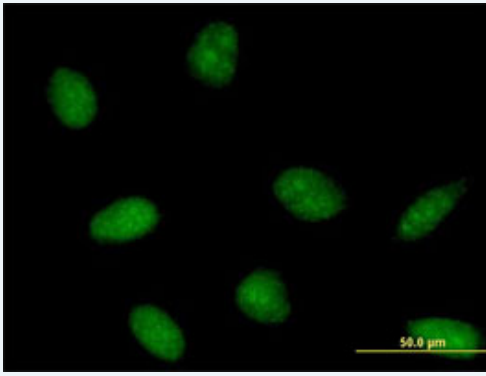


Western Blot analysis of PTS expression in transfected 293T cell line ([H00005805-T01](#)) by PTS MaxPab polyclonal antibody.

Lane 1: PTS transfected lysate(15.95 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

**Immunofluorescence**



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to PTS on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [5805](#)

**GeneBank  
Accession#:** [NM\\_000317.1](#)

**Protein  
Accession#:** [NP\\_000308.1](#)

**Gene Name:** PTS

**Gene Alias:** FLJ97081,PTPS

**Gene  
Description:** 6-pyruvoyltetrahydropterin synthase

**Omim ID:** [261640](#)

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

**Gene Summary:** The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia. [provided by RefSeq]

**Other  
Designations:** 6-pyruvoyl tetrahydrobiopterin synthase,6-pyruvoyl-tetrahydropterin synthase,PTP synthase

## Gene Pathway

[Folate biosynthesis](#) [Metabolic pathways](#)

## Related Disease

[Autistic Disorder](#) [Dystonia](#) [Dystonic Disorders](#) [Genetic Predisposition to Disease](#)  
[Mental Retardation](#) [Metabolic Diseases](#) [Phenylketonuria](#) [Phenylketonurias](#)