

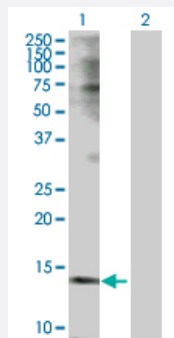
MaxPab®

TSPO purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000706-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TSPO expression in transfected 293T cell line ([H00000706-T01](#)) by TSPO MaxPab polyclonal antibody.

Lane 1: TSPO transfected lysate(18.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TSPO protein.
Immunogen	TSPO (AAH01110.1, 1 a.a. ~ 169 a.a) full-length human protein.
Sequence	MAPPWVPAMGFTLAPSLGCFVGSRFVHGEGLRWYAGLQKPSWHPHWWLGPVWGTLYSAMG YGSYLWVKELGGFTEKAVVPLGLYTGQLALNWAWPPIFFGARQMGWALVDLLLVSGAAAATTVA WYQVSPLAARLLYPYLAWLAFATTLNYCVWRDNHGWHGGRRLPE
Host	Rabbit
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 — TSPO

Entrez GeneID [706](#)

GeneBank Accession# [BC001110.2](#)

Protein Accession# [AAH01110.1](#)

Gene Name TSPO

Gene Alias BZRP, DBI, IBP, MBR, PBR, PKBS, PTBR, mDRC, pk18

Gene Description translocator protein (18kDa)

Omim ID [109610](#)

Gene Ontology [Hyperlink](#)

Gene Summary Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded by this gene interacts with some benzodiazepines and has different affinities than its endogenous counterpart. The protein is a key factor in the flow of cholesterol into mitochondria to permit the initiation of steroid hormone synthesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations OTTHUMP00000028891|benzodiazepine peripheral binding site|mitochondrial benzodiazepine receptor|peripheral benzodiazepine receptor|peripheral-type benzodiazepine receptor|translocator protein

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Mood Disorders](#)
- [Panic Disorder](#)
- [Social Perception](#)
- [Urinary Bladder Neoplasms](#)