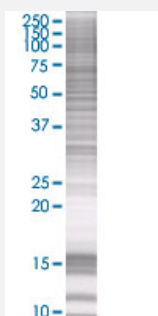


TSPO 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000706-T01

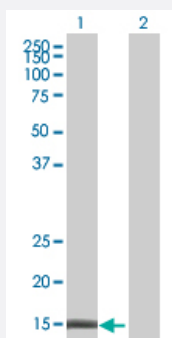
Size 100 uL

Applications



SDS-PAGE Gel

BZRP transfected lysate.



Western Blot

Lane 1: BZRP transfected lysate (18.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TSPO full-length

Host Human

Theoretical MW (kDa) 18.8

Quality Control Testing Transient overexpression cell lysate was tested with Anti-TSPO antibody ([H00000706-B01](#)) by Western Blots.
 SDS-PAGE Gel
 BZRP transfected lysate.
 Western Blot
 Lane 1: BZRP transfected lysate (18.8 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TSPO

Entrez GeneID[706](#)**GeneBank Accession#**[BC001110.2](#)**Protein Accession#**[-](#)**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](#)