

# TSPO rabbit monoclonal antibody

Catalog # H00000706-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human TSPO peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human TSPO is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human TSPO peptide by ELISA and mammalian transfected lysate by Western Blot.
<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>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — TSPO

Entrez GeneID	<a href="#">706</a>
GeneBank Accession#	<a href="#">TSPO</a>
Gene Name	TSPO
Gene Alias	BZRP, DBI, IBP, MBR, PBR, PKBS, PTBR, mDRC, pk18
Gene Description	translocator protein (18kDa)
Omim ID	<a href="#">109610</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)