

**TSPO / PBR Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS12720****Specification**

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**TSPO / PBR Antibody (C-Terminus) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">P30536</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	19kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

**TSPO / PBR Antibody (C-Terminus) - Additional Information****Gene ID** 706**Other Names**

Translocator protein, Mitochondrial benzodiazepine receptor, PKBS, Peripheral-type benzodiazepine receptor, PBR, TSPO, BZRP, MBR

**Target/Specificity**

Human TSPO. This antibody is expected to recognise one isoform (NP\_000705.2) only.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

TSPO / PBR Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**TSPO / PBR Antibody (C-Terminus) - Protein Information****Name** TSPO**Synonyms** BZRP, MBR**Function**

Can bind protoporphyrin IX and may play a role in the transport of porphyrins and heme (By similarity). Promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism (PubMed:<a href="http://www.uniprot.org/citations/24814875" target="\_blank">24814875</a>), but its precise physiological role is controversial. It is apparently not required for steroid hormone biosynthesis. Was initially identified as peripheral-type benzodiazepine receptor; can also bind isoquinoline carboxamides (PubMed:<a href="http://www.uniprot.org/citations/1847678" target="\_blank">1847678</a>).

**Cellular Location**

Mitochondrion membrane; Multi-pass membrane protein

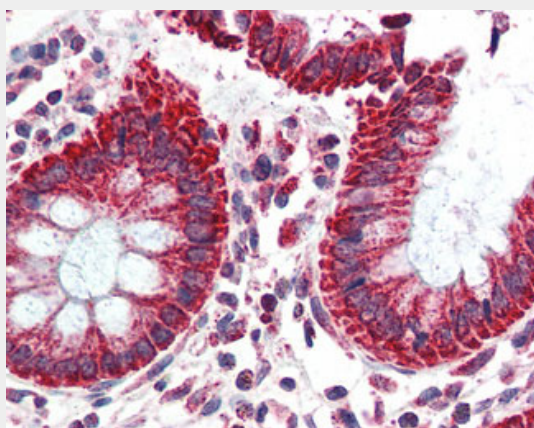
**Tissue Location**

Found in many tissue types. Expressed at the highest levels under normal conditions in tissues that synthesize steroids.

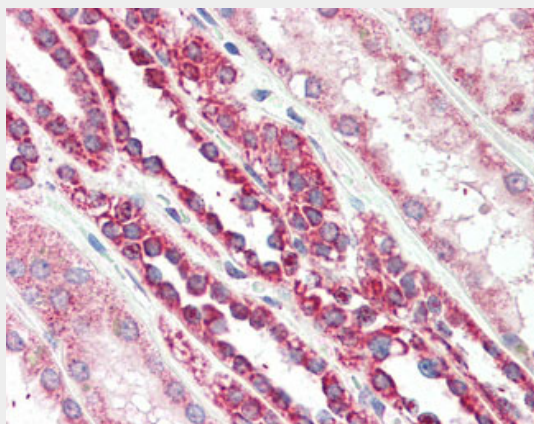
**TSPO / PBR Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TSPO / PBR Antibody (C-Terminus) - Images**

Anti-TSPO / PBR antibody IHC of human colon.



Anti-TSPO / PBR antibody IHC of human kidney.

**TSPO / PBR Antibody (C-Terminus) - Background**

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#### **TSPO / PBR Antibody (C-Terminus) - References**

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