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TSPO / PBR Antibody (C-Terminus)

Goat Polyclonal Antibody
Catalog # ALS12720

Specification

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

Application	**IHC**
Primary Accession	P30536
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**19kDa KDa**

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:24814875), 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:1847678).

Cellular Location
Mitochondrion membrane; Multi-pass membrane protein

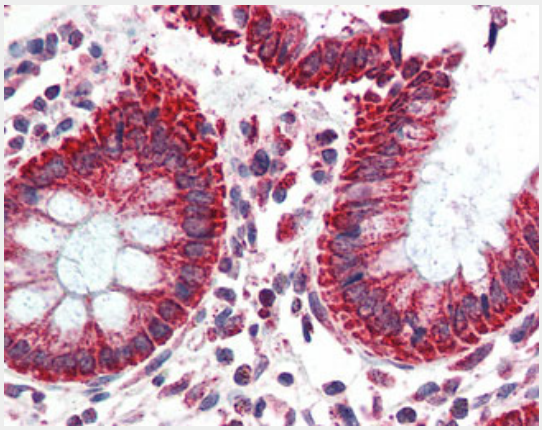
Tissue Location
Found in many tissue types. Expressed at the highest levels under normal conditions in tissues that synthesize steroids.

TSPO / PBR Antibody (C-Terminus) - Protocols

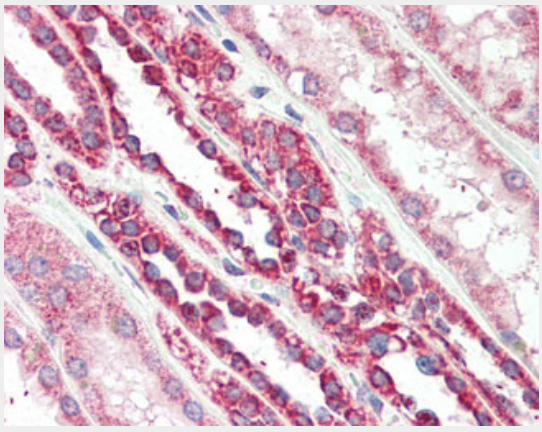
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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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role in lipid metabolism (PubMed:24814875), 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:1847678).

TSPO / PBR Antibody (C-Terminus) - References

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