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Datasheet for ABIN570960  
**anti-TSPO antibody (C-Term)**

11 Images

1 Publication

### Overview

Quantity:	100 µg
Target:	TSPO
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TSPO antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

### Product Details

Purpose:	PBR (mouse)
Immunogen:	Peptide with sequence C-RDNSGRRGGSRLPE, from the C Terminus of the protein sequence according to NP_033905.3.
Sequence:	RDNSGRRGGS RLPE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	TSP0
Alternative Name:	Tspo ( <a href="#">TSP0 Products</a> )
Background:	PBR, Tspo, translocator protein, Bzrp, IBP, benzodiazepine receptor, peripheral, isoquinoline-binding protein, peripheral benzodiazepine receptor
Gene ID:	12257, 24230
NCBI Accession:	<a href="#">NP_033905</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Mouse Kidney and Colon. Recommended concentration: 5-10 µg/mL. Western Blot: Approx.16-17 kDa band observed in Mouse Kidney lysates and in lysates of cell line NIH3T3 (calculated MW of 18.8 kDa according to NP_033905.3). Recommended concentration: 0.01-0.03 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	<b>Flow Cytometry:</b> Flow cytometric analysis of NIH3T3 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

## Handling

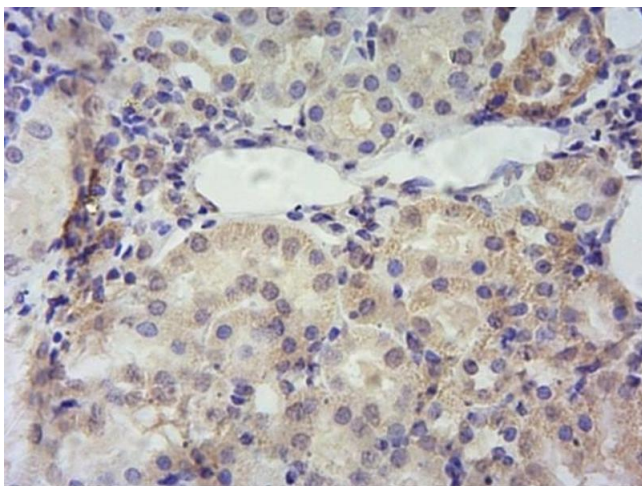
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

## Publications

Product cited in: Morgan, Cheepala, Wang, Neale, Adachi, Nachagari, Leggas, Zhao, Boyd, Venkataramanan, Schuetz: "Deregulated hepatic metabolism exacerbates impaired testosterone production in Mrp4-deficient mice." in: **The Journal of biological chemistry**, Vol. 287, Issue 18, pp. 14456-66, (2012) ([PubMed](#)).

## Images



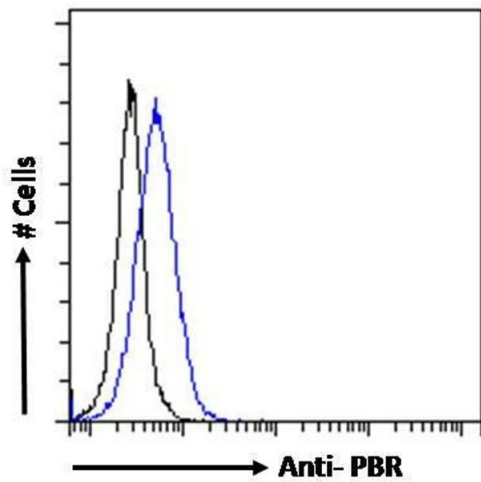
### Immunohistochemistry

**Image 1.** (ABIN570960) (10 µg/mL): Staining of paraffin embedded Mouse Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining.



### Western Blotting

**Image 2.** Antibody (1 µg/ml) staining of Mouse Kidney lysate (A) and of Mouse Spleen lysate (B) (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Flow Cytometry

**Image 3.** ABIN570960 Flow cytometric analysis of paraformaldehyde fixed NIH3T3 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Please check the [product details page](#) for more images. Overall 11 images are available for ABIN570960.