

Name: Rabbit polyclonal anti-TSPO/PBR (Peripheral-type Benzodiazepine Receptor) antibody

Catalog: TA318861

Product Data Sheet - ANTIBODY

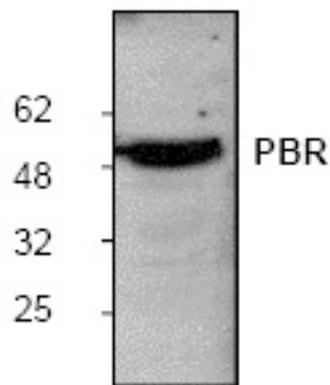
Components:	<ul style="list-style-type: none"> • Rabbit polyclonal anti-TSPO/PBR (Peripheral-type Benzodiazepine Receptor) antibody (TA318861) • WB positive control also available: 20ug myc-DDK tagged TSPO HEK293T over-expression lysate lyophilized in RIPA buffer (LC424543). (Reconstitute into 20ul of 1x SDS sample buffer before loading; load 5ul per lane as WB control or as desired)
Amount:	100ug
Immunogen:	Synthetic peptide surrounding amino acid 81 of mouse PBR
Host:	Rabbit
Isotype:	Rabbit IgG
Species Reactivity:	Human, mouse, rat
Guaranteed Applications:	WB
Suggested Dilutions:	WB: 0.5-4ug/ml, IHC: 10-20ug/ml
Concentration:	0.2 mg/ml
Buffer:	100 µg (0.5 mg/ml) affinity purified rabbit anti-PBR polyclonal antibody in phosphate buffered saline (PBS), pH 7.2.
Purification:	Affinity purified
Storage Condition:	Shipped at -20C or with ice packs. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Target

Target Name:	Homo sapiens translocator protein (TSPO), transcript variant PBR
Alternative Name:	BPBS; BZRP; DBI; IBP; MBR; mDRC; PBR; PBS; pk18; PKBS; PTBR
Database Link:	NP_000705 Entrez Gene 706 Human Entrez Gene 12257 Mouse Entrez Gene 24230 Rat
Function:	PBR (Peripheral-type Benzodiazepine Receptor) is a ubiquitous protein (18 kDa) found in most steroidogenic tissues. It is located primarily in the outer mitochondrial membrane of steroid-producing tissues and is found in association with a 34 kDa voltage-dependent anion channel protein (VDAC). PBR

is involved in the regulation of cholesterol transport from the outer to the inner mitochondrial membrane. It is thought to be part of the mitochondrial permeability transition pore (PT) and to be involved in apoptosis.

Validation Data



Western blot analysis of PBR expression in rat kidney tissue lysate.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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