

Datasheet: AHP2336

Description:	RABBIT ANTI TSPO
Specificity:	TSPO
Other names:	PBR
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	■			2.5 ug/ml
Western Blotting	■			0.5 - 4.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Species Cross Reactivity	Reacts with: Human, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Synthetic peptide surrounding amino acid 81 of mouse TSPO
External Database Links	UniProt: P50637 Related reagents Entrez Gene: 12257 Tspo Related reagents

Synonyms	Bzrp, Mbr
Specificity	Rabbit anti TSPO antibody recognizes a region close to amino acid 81 of mouse TSPO also known as the peripheral-type benzodiazepine receptor (PBR). TSPO is a member of a family of tryptophan-rich sensory proteins and is a mitochondrial protein usually located in the outer mitochondrial membrane. It is thought to be part of the mitochondrial permeability transition pore and may be involved in apoptosis.
Western Blotting	Rabbit anti TSPO antibody recognizes a band of approximately 50 kDa (corresponding to the TSPO-VDAC complex) in Jurkat cell lysates and rat kidney tissue lysates
Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

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Printed on 01 May 2018