

## TSPO

**Reactivity:**Human Mouse

**Tested applications:**WB IHC ICC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
IP 1:20 - 1:50 FC 1:10 - 1:50

**Calculated MW:**18 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human TSPO

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DBI; IBP; MBR; PBR; PBS; BPBS; BZRP; PKBS; PTBR; mDRC; pk18;

**Catalog #:**A10765

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**706

**Isotype:**IgG

**Swiss Prot:**P30536

**Purity:**Affinity purification

For research use only.

**Background:**

Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded by this gene interacts with some benzodiazepines and has different affinities than its endogenous counterpart. The protein is a key factor in the flow of cholesterol into mitochondria to permit the initiation of steroid hormone synthesis. Alternatively spliced transcript variants have been reported; one of the variants lacks an internal exon and is considered non-coding, and the other variants encode the same protein.

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