



Human TSPO blocking peptide (CDBP3095)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TSPO/PBR (isoform) antibody
Antigen Description	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. [provided by RefSeq, Feb 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TSPO translocator protein (18kDa) [Homo sapiens (human)]
Official Symbol	TSPO
Synonyms	TSPO; translocator protein (18kDa); DBI; IBP; MBR; PBR; PBS; BPBS; BZRP; PKBS; PTBR; mDRC; pk18; translocator protein; mitochondrial benzodiazepine receptor; benzodiazepine

peripheral binding site; peripheral-type benzodiazepine receptor;

Entrez Gene ID	706
mRNA Refseq	NM_000714.5
Protein Refseq	NP_000705.2
UniProt ID	O76068
Chromosome Location	22q13.31
Pathway	HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	androgen binding; benzodiazepine receptor activity; cholesterol binding;