G-Biosciences Image not found or type unknown

Immunotag™ TSPO Antibody

Antibody Specification

Catalog No.	ITA8062
Product Description	Immunotag™ TSPO Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TSPO
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TSPO
Specificity	TSPO Antibody detects endogenous levels of total TSPO
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TSPO
Accession No.	P30536
Alternate Names	Benzodiazapine receptor (peripheral); Benzodiazepine peripheral binding site; BPBS; BZRP; DBI; IBP; Isoquinoline carboxamide-binding protein; MBR; mDRC; Mitochondrial benzodiazepine receptor; PBR; PBS; Peripheral benzodiazepine receptor; Peripheral benzodiazepine receptor-related protein; Peripheral type benzodiazepine receptor; Peripheral-type benzodiazepine receptor; pk18; PKBS; PTBR; Ptbzr; PTBZR02; RATPTBZR02; translocator protein (18kDa); Translocator protein; Tspo; Tspo1; TSPOA_HUMAN;

Antibody Specification

Description	Can bind protoporphyrin IX and may play a role in the transport of porphyrins and heme (By similarity). Promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism (PubMed:24814875), but its precise physiological role is controversial. It is apparently not required for steroid hormone biosynthesis. Was initially identified as peripheral-type benzodiazepine receptor; can also bind isoquinoline carboxamides (PubMed:1847678).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	19 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.