Goat anti-TSPO / PBR (isoform) Antibody

Item Number	dAP-0920

Target Molecule
Principle Name: TSPO / PBR (isoform); Official Symbol: TSPO; All Names and Symbols: TSPO; PBR; translocator protein (18kDa) ; BZRP; DBI; IBP; MBR; PKBS; PTBR; mDRC; pk18 ; OT-THUMP00000028891; benzodiazapine receptor (peripheral); benzodiazepine peripheral binding site; mito-chondrial benzodiazepine receptor; peripheral benzodiazepine rece; Accession Number (s): NP_000705.2; Human Gene ID(s): 706; Non-Human GeneID(s):

Immunogen
RDNHGWRGGRRLPE, is from C Terminus
This antibody is expected to recognise one isoform (NP_000705.2) only.

Applications
Pep ELISA, WB, IHC

Species Tested: Human

Purification
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As
lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA
Peptide ELISA: antibody detection limit dilution 1 to 128000.

Western Blot
Western Blot: Approx 17kDa band observed in Human Breast Cancer lysates (calculated MW of 18.8kDa according to NP_000705.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC
Immunohistochemistry: In paraffin embedded Human Colon shows strong cytoplasm staining of absorptive cells. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Reference
Reference(s): Papadopoulos V, Baraldi M, Guilarte TR, Knudsen TB, Lacapere JJ, Lindemann P, Noren-berg MD, Nutt D, Weizman A, Zhang MR, Gavish M. Translocator protein (18kDa): new nomenclature for the peripheral-type

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only