

Datasheet for ABIN7436717
anti-TSPO antibody (AA 1-169)

2 Images

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Overview

Quantity:	100 µL
Target:	TSPO
Binding Specificity:	AA 1-169
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Translocator Protein (TSPO)
Immunogen:	Recombinant Translocator Protein (TSPO) corresponding to Met1~Glu169 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TSPO. It has been selected for its ability to recognize TSPO in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

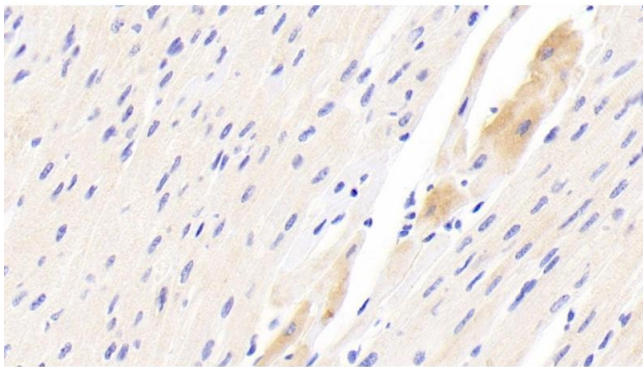
Target:	TSPO
Alternative Name:	Translocator Protein (TSPO Products)
Background:	IBP, PKBS, PBR, pk18, mDRC, MBR, BZRP, DBI, PTBR, Mitochondrial benzodiazepine receptor, Peripheral-Type Benzodiazepine Receptor/Recognition Site
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:150-600 Immunohistochemistry: 5-20 µg/mL 1:15-60 Immunocytochemistry: 5-20 µg/mL 1:15-60 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

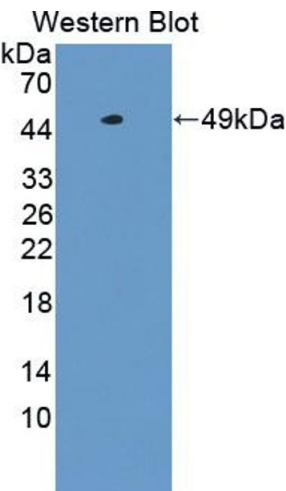
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of TSP0 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Translocator Protein (TSP0)



Western Blotting

Image 2. Detection of Recombinant TSP0, Human using Polyclonal Antibody to Translocator Protein (TSP0)