

Nur für Forschungszwecke

# TSPO Monoklonaler Antikörper

Katalog-Nr.:68137-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68137-1-Ig	<b>GenBank-Zugangsnummer:</b> BC001110	<b>Reinigungsmethode:</b> Caprylsäure/Ammoniumsulfat-Präzipitation
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 706	<b>CloneNo.:</b> 1D1F12
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> translocator protein (18kDa)	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:16000
<b>Isotyp:</b> IgM	<b>Berechnete Masse:</b> 18 kDa	
<b>Immunogen Katalognummer:</b> AG7475	<b>Beobachtete Masse:</b> 18 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : K-562-Zellen, 4T1-Zellen, HeLa-Zellen, Jurkat-Zellen, LNCaP-Zellen, NIH/3T3-Zellen
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

TSPO encodes the translocator protein, belonging to tryptophan-rich sensory protein family. The protein is mainly localized in the outer mitochondrial membrane and expressed in steroid-synthesizing tissues (PMID:32881658, PMID:1326278). TSPO is involved in the translocation of cholesterol from the outer to inner mitochondrial membrane (PMID:21119734). In response to injury, TSPO has a upregulated expression in the peripheral nervous system (PMID:32423330, PMID:23251719). TSPO is also as a biomarker in a non-invasive procedure including detecting the inflammation in the heart and atherosclerotic plaques (PMID:24402571).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

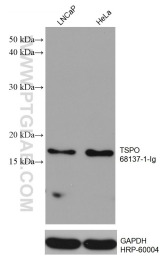
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

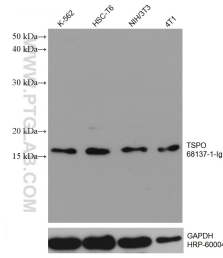
E: proteintech@ptglab.com  
W: ptglab.com

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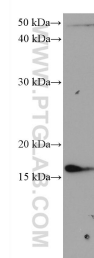
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68137-1-Ig (TSPO antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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Jurkat cells were subjected to SDS PAGE followed by western blot with 68137-1-Ig (TSPO antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.