

PBR Rabbit mAb

Catalog # AP74914

Product Information

Application	WB, IHC-P, IHC-F, FC, IP
Primary Accession	B1AH88
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	10537

Additional Information

Other Names	TSPO
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IHC-F~~N/A FC~~1:50-1:200 IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

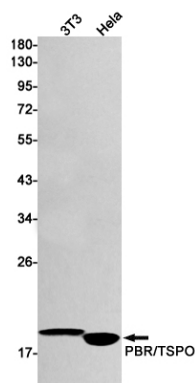
Name	TSPO
Synonyms	PBRS
Tissue Location	Ubiquitous.

Background

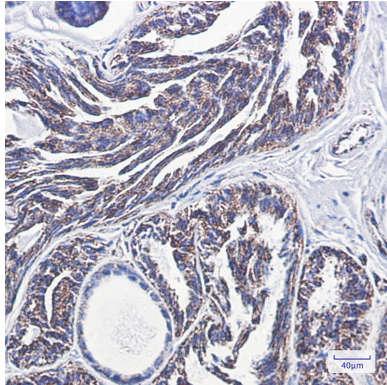
Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded by this gene interacts with some benzodiazepines and has different affinities than its endogenous counterpart. The protein is a key factor in the flow of cholesterol into mitochondria to permit the initiation of steroid hormone synthesis.

Images

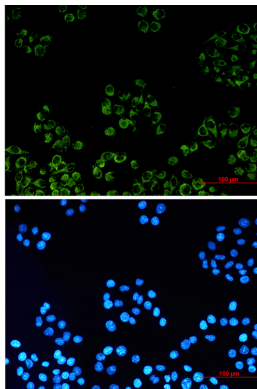
Western blot analysis of PBR/TSPO in 3T3, Hela lysates



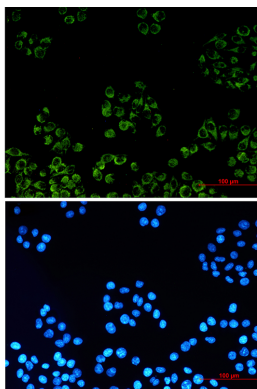
using PBR antibody.

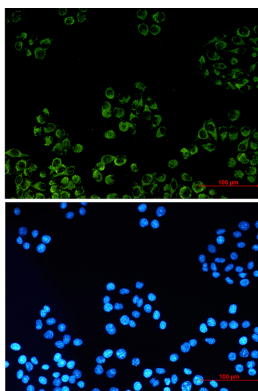


Immunohistochemistry analysis of paraffin-embedded Human breast cancer using PBR antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of PBR/TSPO (green) in Hela using PBR/TSPO antibody, and DAPI (blue)





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.