

PBR Polyclonal Antibody

CATALOG #: 3044-100AF

AMOUNT: 100 µg

LOT #: _____

FORMULATION:

100 µg (0.8 mg/ml) affinity-purified rabbit anti-PBR polyclonal antibody in phosphate buffered saline (PBS), pH 7.2 (Sodium Azide free and BSA free).

SPECIES REACTIVITY: human, mouse, rat (weakly)

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND DESCRIPTION:

PBR (Peripheral-type Benzodiazepine Receptor) is a ubiquitous protein (18 kDa) found in most steroidogenic tissues. It is located primarily in the outer mitochondrial membrane of steroid-producing tissues and is found in association with a 34 kDa voltage-dependent anion channel protein (VDAC). PBR is involved in the regulation of cholesterol transport from the outer to the inner mitochondrial membrane. It is thought to be part of the mitochondrial permeability transition pore (PT) and to be involved in apoptosis.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml) and immunohistochemistry (5-20 µg/ml). However, the optimal conditions should be determined individually.

NOTE: For Research Purpose Only! Not to be used in human.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit

Growth Factors and Cytokines