

## PBR Polyclonal Antibody

### Description

|                         |  |
|-------------------------|--|
| Product type            | Primary Antibody   |
| Code                    | BT-AP06963   |
| Host                    | Rabbit   |
| Isotype                 | IgG  |
| Size                    | 20ul, 50ul, 100ul  |
| Immunogen               | Synthesized peptide derived from PBR . at AA range: 90-170   |
| Mol wt                  | 18779  |
| Species reactivity      | Human  |
| Clonality               | Polyclonal   |
| Recommended application | WB, ELISA  |
| Concentration           | 1 mg/ml  |
| Full name               | PBR Antibody   |
| Synonyms                | TSPO; BZRP; MBR; Translocator protein; Mitochondrial benzodiazepine receptor; PKBS; Peripheral-type benzodiazepine receptor; PBR |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded by TSPO (translocator protein) 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. Alternatively spliced transcript variants have been reported; one of the variants lacks an internal exon and is considered non-coding, and the other variants encode the same protein.

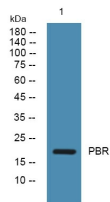
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

### Storage

-20°C for one year