

## Rabbit PBR Polyclonal Antibody | anti-TSPO antibody

PBR Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                   |
|-----------|--------|-------------------|------------------------------------------------|
| AAA328912 | Rabbit | Human, Mouse, Rat | ELISA, Immunocytochemistry, Immunofluorescence |

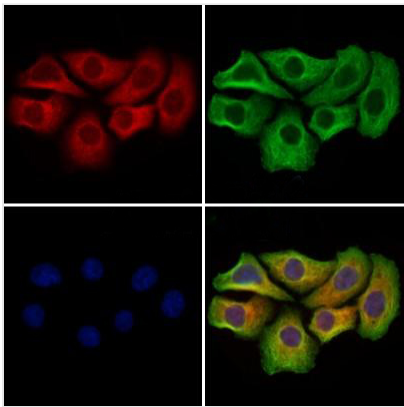
### PRODUCT SYNONYMS

PBR; Polyclonal Antibody; PBR Antibody; anti-TSPO antibody

### PRODUCT SPECIFICATIONS

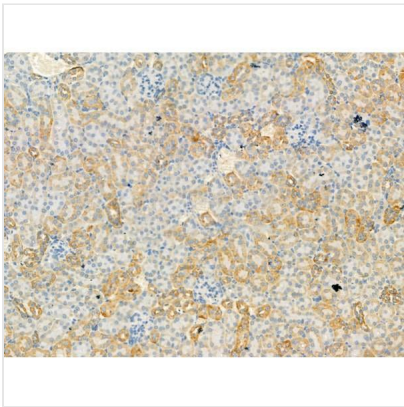
|                                                |                                                                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                   |
| Reactivity                                     | Human, Mouse, Rat                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                               |
| Isotype                                        | IgG                                                                                                                      |
| Specificity                                    | PBR Antibody detects endogenous levels of total PBR.                                                                     |
| Purity/Purification                            | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                    | Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                  |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                | 102                                                                                                                      |
| Applicable Applications for anti-TSPO antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence)                                                                |
| Immunogen                                      | A synthesized peptide derived from human PBR, corresponding to a region within C-terminal amino acids.                   |
| Fragment                                       | Fab fragment                                                                                                             |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                        |

IMAGES



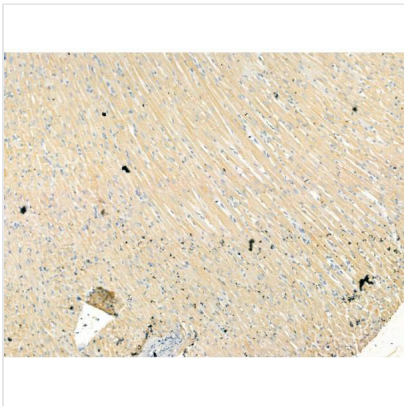
IF (Immunofluorescence)

AAA328912 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328912 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



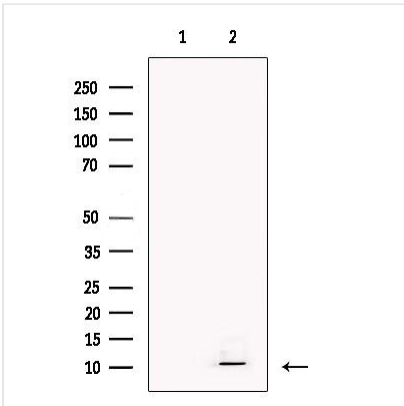
IHC (Immunohistochemistry)

AAA328912 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA328912 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from A431 cells, using PBR Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

|                                                    |                                 |
|----------------------------------------------------|---------------------------------|
| Related Product Information for anti-TSPO antibody | Tissue Specificity: Ubiquitous. |
|----------------------------------------------------|---------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------|
| NCBI GI #                  | 254789861                                                                                       |
| UniProt Accession #        | B1AH88                                                                                          |
| Molecular Weight           | Observed Molecular Weight: (Observed)10~15kD.<br>Predicted Molecular Weight: (Calculated)11kDa. |
| NCBI Official Full Name    | Putative peripheral benzodiazepine receptor-related protein                                     |
| UniProt Protein Name       | Putative peripheral benzodiazepine receptor-related protein                                     |
| UniProt Gene Name          | TSPO                                                                                            |
| UniProt Synonym Gene Names | PBRS                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/pbr-antibody-immunocytochemistry-immunofluorescence-elisa/328912>