

ARG64025 anti-TSPO / PBR antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes TSPO / PBR |
| Tested Reactivity | Hu |
| Tested Application | IHC-P, WB |
| Specificity | This antibody is expected to recognise one isoform (NP_000705.2) only. |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TSPO / PBR |
| Species | Human |
| Immunogen | C-RDNHGWRRGRRLPE |
| Conjugation | Un-conjugated |
| Alternate Names | DBI; BZRP; PBS; PBR; pk18; PKBS; mDRC; BPBS; IBP; Translocator protein; Mitochondrial benzodiazepine receptor; PTBR; MBR; Peripheral-type benzodiazepine receptor |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | IHC-P | 2 - 5 µg/ml |
| | WB | 0.1 - 0.3 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated |

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 706 Human](#)

[Swiss-port # P30536 Human](#)

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. 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. [provided by RefSeq, Feb 2012]

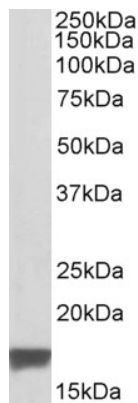
Research Area

Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism antibody; Signaling Transduction antibody

Calculated Mw

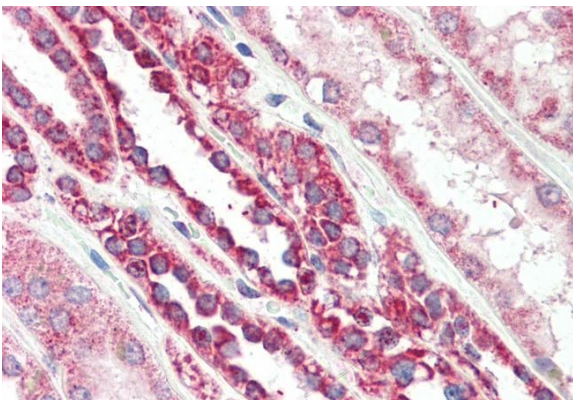
19 kDa

Images



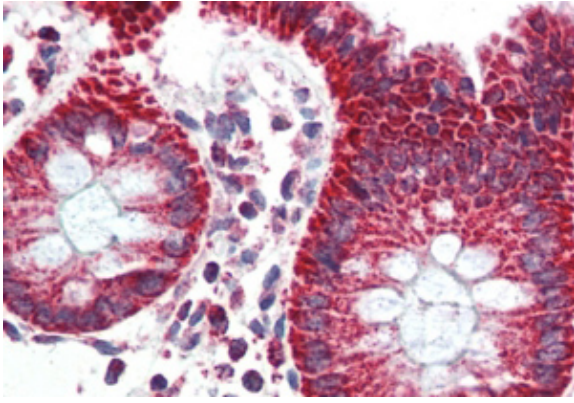
ARG64025 anti-TSPO / PBR antibody WB image

Western Blot: Human Breast Cancer lysate (35 µg protein in RIPA buffer) stained with ARG64025 anti-TSPO / PBR (isoform) antibody at 0.1 µg/ml dilution.



ARG64025 anti-TSPO / PBR antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64025 anti-TSPO / PBR antibody at 5 µg/ml dilution followed by AP-staining.



ARG64025 anti-TSPO / PBR antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Colon. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64025 anti-TSPO / PBR (isoform) antibody at 2.5 μ g/ml dilution followed by AP-staining.