

Goat anti-PSMA4 Antibody

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| Item Number | dAP-2174 |
| Target Molecule | Principle Name: PSMA4; Official Symbol: PSMA4; All Names and Symbols: PSMA4; proteasome (prosome, macropain) subunit, alpha type, 4; HC9; HsT17706; MGC111191; MGC12467; MGC24813; PSC9; macropain subunit C9; multicatalytic endopeptidase complex subunit C9; proteasome alpha 4 subunit; proteasome component C9; proteasome subunit; Accession Number (s): NP_002780.1; NP_001096138.1; Human Gene ID(s): 5685; Non-Human GeneID(s): 26441 (mouse) 29671 (rat) |
| Immunogen | SDANVLTNELR, is from internal region This antibody is expected to recognize both reported isoforms (NP_002780.1; NP_001096138.1). Reported variants represent identical protein: NP_002780.1, NP_001096137.1 |
| Applications | Pep ELISA, WB Species Tested: Human, Mouse, Rat |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 4000. |
| Western Blot | Western Blot: Approx 28kDa band observed in lysates of cell lines K562, NIH3T3 and in lysates of Human Tonsil, Human Peripheral Blood Mononucleocytes and in Mouse and Rat Spleen (calculated MW of 29.5kDa according to NP_002780.1). Recommended concentration |
| IHC | |
| Reference | Reference(s): Yoshida T, Kato K, Yokoi K, Oguri M, Watanabe S, Metoki N, Yoshida H, Satoh K, Aoyagi Y, Nozawa Y, Yamada Y, Association of genetic variants with hemorrhagic stroke in Japanese individuals. International journal of molecular medicine 2010 Apr 25 (4): 649-56..PMID: 20198315-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**