

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07761 - Goat Anti-PSME1 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PSME1, proteasome (prosome, macropain) activator subunit 1 (PA28 alpha), IFI5111, MGC8628, PA28A, PA28alpha, REGalpha, 11S regulator complex alpha subunit, 29-kD MCP activator subunit, activator of multicatalytic protease subunit 1, interferon gamma up-regulated I-5111 protein, interferon-gamma IEF SSP 5111, interferon-gamma-inducible protein 5111, proteasome activator subunit 1, proteasome activator subunit-1

Official Symbol: PSME1

Accession Number(s): NP_006254.1

Human GeneID(s): 5720

Non-Human GenelD(s): 19186 (mouse), 29630 (rat)

Important Comments: This antibody is expected to recognise isoform 1 (NP_006254.1).

Immunogen

Peptide with sequence C-KNFEKLKKPRGETK, from the C Terminus of the protein sequence according to NP_006254.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 30kDa band observed in Human Lymph Node, Spleen, Tonsil and Peripheral Blood Mononuceocyte lysates (calculated MW of 28.7kDa according to NP_006254.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07761 (0.3μg/ml) staining of Human Peripheral Blood Mononucleocyte lysate (35μg protein in RIPA buffer).

Primary incubation was 1 hour. Detected by chemiluminescence.