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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05378 - Goat Anti-FRAT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FLJ97193, proto-oncogene FRAT1, OTTHUMP00000059391, GSK-3 binding protein FRAT1, RP11-452K12.1, frequently rearranged in advanced T-cell lymphomas, FRAT1

Official Symbol: FRAT1

Accession Number(s): NP_005470.2

Human GeneID(s): [10023](#)

Non-Human GeneID(s): 14296 (mouse)

Immunogen

Peptide with sequence C-AQLRTGDGVLVPGS, from the C Terminus of the protein sequence according to NP_005470.2.

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: Preliminary experiments in Human Bone Marrow, Ovary and Testes lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Dog

Background Reference

Jonkers J, Korswagen HC, Acton D, Breuer M, Berns A.

Activation of a novel proto-oncogene, Frat1, contributes to progression of mouse T-cell lymphomas.

EMBO J. 1997 Feb 3;16(3):441-50.

PMID: 9034327