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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06321 - Goat Anti-SMUG1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SMUG1, single-strand selective monofunctional uracil DNA glycosylase, FDG, HMUDG, UNG3, single-strand-selective monofunctional uracil-DNA glycosylase 1, MGC104370

Official Symbol: SMUG1

Accession Number(s): NP_055126.1

Human GeneID(s): [23583](#)

Immunogen

Peptide with sequence PQAFLGSIHEPA-C, from the N Terminus of the protein sequence according to NP_055126.1.

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 1:32000.

Western blot: Approx 35kDa band observed in Molt-4 lysates (predicted MW of 31kDa according to NP_055126.1. Recommended concentration: 0.5-2µg/ml. Primary incubation was for 1 hour.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB06321 staining (0.5µg/ml) of Molt-4 lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.

EB06321 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.