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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.

## EB06321 - Goat Anti-SMUG1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** SMUG1

**Accession Number(s):** NP\_055126.1

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

### Immunogen

Peptide with sequence PQAFLLSIHEPA-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. Recommended for use at 0.5-2µg/ml).

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

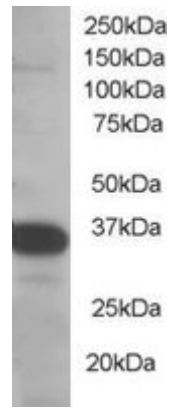
The goat polyclonal antibody used in this paper was manufactured by us:

Ma KW, Au SW, Waye MM.

Over-expression of SUMO-1 induces the up-regulation of heterogeneous nuclear ribonucleoprotein A2/B1 isoform B1 (hnRNP A2/B1 isoform B1) and uracil DNA glycosylase (UDG) in hepG2 cells.

Cell Biochem Funct. 2009 Jun;27(4):228-37.

**PMID:** 19384898



EB06321 staining (0.5 $\mu$ g/ml) of Molt-4 lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.