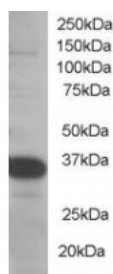




SMUG1 Antibody

CATALOG NUMBER: 46-390



Western blot analysis of SMUG1 in MOLT4 lysate (RIPA buffer, 35 ug total protein per lane) using SMUG1 Antibody at 0.5 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution >1:32,000. Western Blot: Approximately 35 kDa band observed in Molt-4 lysates (predicted MW of 31 kDa according to NP_055126. Recommended for use at 0.5-2 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1206 - MOLT4 Cell Lysate
IMMUNOGEN:	SMUG1 antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of SMUG1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	SMUG1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	SMUG1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SMUG1, single-strand selective monofunctional uracil DNA glycosylase, FDG, HMUDG, UNG3
ACCESSION NO.:	NP_055126
PROTEIN GI NO.:	7657597
OFFICIAL SYMBOL:	SMUG1
GENE ID:	23583

Background

REFERENCES: 1) Boorstein RJ, Cummings A Jr, Marenstein DR, Chan MK, Ma Y, Neubert TA, Brown SM, Teebor GW. Definitive identification of mammalian 5-hydroxymethyluracil DNA N-glycosylase activity as SMUG1. J Biol Chem. 2001 Nov 9;276(45):41991-7.

FOR RESEARCH USE ONLY

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