Rabbit SMUG1 Polyclonal Antibody | anti-SMUG1 antibody

Rabbit anti-SMUG1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223350	**Rabbit**	**Human, Mouse, Rat, Rat, Monkey**	**Immunofluorescence, Western Blot**

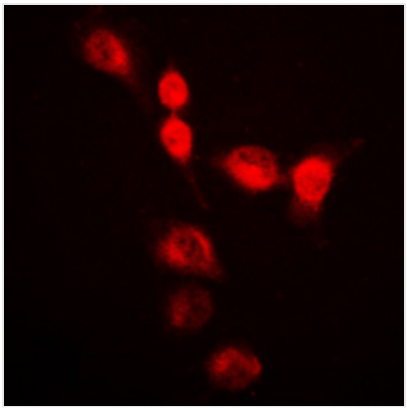
PRODUCT SYNONYMS

SMUG1; Polyclonal Antibody; Rabbit anti-SMUG1 Antibody; Single-strand selective monofunctional uracil DNA glycosylase; anti-SMUG1 antibody

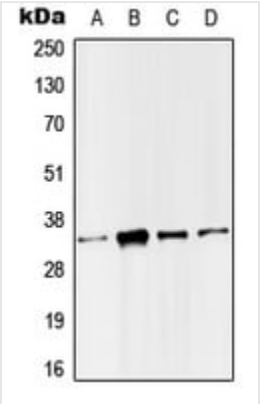
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Rat, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SMUG1 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMUG1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of SMUG1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)
Western blot analysis of SMUG1 expression in HeLa (A), Molt4 (B), Raw264.7 (C), H9C2 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMUG1 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	344925869
NCBI GeneID	23583
NCBI Accession #	NP_001230716.1
NCBI GenBank Nucleotide #	NM_001243787.1
UniProt Accession #	Q53HV7; Q6P5C5; Q811Q1
Molecular Weight	29,862 Da
NCBI Official Full Name	single-strand selective monofunctional uracil DNA glycosylase isoform 1
NCBI Official Synonym Full Names	single-strand-selective monofunctional uracil-DNA glycosylase 1
NCBI Official Symbol	SMUG1
NCBI Official Synonym Symbols	FDG; UNG3; HMUDG
NCBI Protein Information	single-strand selective monofunctional uracil DNA glycosylase
UniProt Protein Name	Single-strand selective monofunctional uracil DNA glycosylase
UniProt Gene Name	**SMUG1**
UniProt Entry Name	SMUG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/smug1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/223350