

DNAxPAb

Hard-to-Find
Antibody

SMUG1 DNAxPab

Catalog # H00023583-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SMUG1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPQAFLLGSIHEPAGALMEPQPCPGSLAESFLEEELRLNAELSQLQFSEPVGIYNPVEYAWEPH RNYVTRYCQGPKEVLFLGMNPGPFGMAQTGVPFGEVSMVRDWLGM/GPVLTPPQEHPKRPVLG LECPQSEGPRQSMGHEIKSELLMGGCSWIRGKIQCDRVQVRRPGFSSQL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SMUG1

Entrez GeneID [23583](#)**GeneBank Accession#** [BC000417.2](#)**Protein Accession#** [AAH00417.1](#)**Gene Name** SMUG1**Gene Alias** FDG, HMUDG, MGC104370, UNG3**Gene Description** single-strand-selective monofunctional uracil-DNA glycosylase 1**Omim ID** [607753](#)**Gene Ontology** [Hyperlink](#)**Gene Summary** SMUG1 is a glycosylase that removes uracil from single- and double-stranded DNA in nuclear chromatin, thus contributing to base excision repair.[supplied by OMIM]**Other Designations** single-strand selective monofunctional uracil DNA glycosylase

Pathway

- [Base excision repair](#)

Disease

- [Breast cancer](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Werner syndrome](#)