

SMUG1 rabbit pAb

Cat#: orb768239 (Manual)

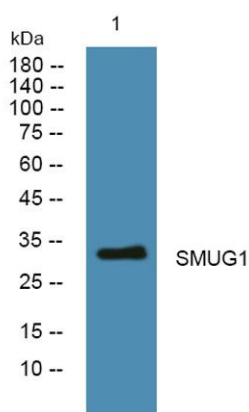
For research use only. Not intended for diagnostic use.

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| Product Name | SMUG1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat;Monkey |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human SMUG1. AA range:91-140 |
| Specificity | SMUG1 Polyclonal Antibody detects endogenous levels of SMUG1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Single-strand selective monofunctional uracil DNA glycosylase |
| Gene Name | SMUG1 |
| Cellular localization | Nucleus . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |

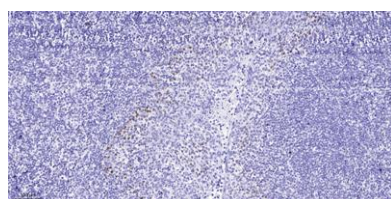
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| Concentration | 1 mg/ml |
| Observed band | 32kD |
| Human Gene ID | 23583 |
| Human Swiss-Prot Number | Q53HV7 |
| Alternative Names | SMUG1; Single-strand selective monofunctional uracil DNA glycosylase |

Background

This gene encodes a protein that participates in base excision repair by removing uracil from single- and double-stranded DNA. Many alternatively spliced transcript variants exist for this gene; the full-length nature is known for some but not all of the variants. [provided by RefSeq, Aug 2011],



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).