

Datasheet for 200-401-I10**SEN5 Antibody****Overview**

Description:	Anti-SEN5 (RABBIT) Antibody - 200-401-I10
Item No.:	200-401-I10
Size:	200 µL
Applications:	WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Anti-SEN5 Antibody detects human SEN5. Covalent attachment of one protein to another is one of the more prominent posttranslational modifications in respect to size and ubiquity. Ubiquitin is the most familiar of the protein modifiers and its activation and transfer to target proteins has been studied extensively. Recently, a new group of ubiquitin-like proteins has been receiving a lot of attention. SUMO, or Sentrin, is one of the most intriguing. SUMO has been implicated in the stabilization of target proteins and/or their localization to sub-cellular complexes. Anti-SEN5 Antibody is ideal for investigators involved in Toll Like Receptors, signaling, ubiquitin and UBL research.
Synonyms:	FKSG45
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SEN5
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	SEN5 Antibody was produced from whole rabbit serum prepared by repeated immunizations with a peptide corresponding to internal amino acids of the human protein SEN5.

Purity/Specificity: Anti-SEN5 Antibody was purified by Protein G chromatography. A BLAST analysis was used to suggest cross-reactivity with SEN5 from human and mouse based on 100% homology with the immunizing sequence. Cross-reactivity with Anti-SEN5 from other sources has not been determined.

Relevant Links:

- [UniProtKB - Q96HI0](#)
- [NCBI - NP_689912.2](#)
- [GeneID - 205564](#)

Application Details

Tested Applications:	WB
Application Note:	Anti-SEN5 Antibody is tested for use in WB. Expect a band approximately 86kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	1:250-1:500

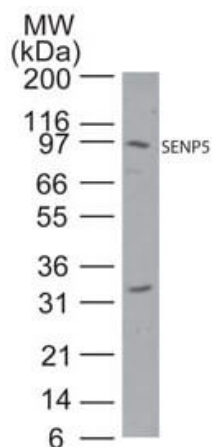
Formulation

Physical State:	Liquid
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.05% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

**Western Blot**

Western Blot of Rabbit Anti-SENP5 antibody. Lane 1: Human HeLa cells. Primary antibody: SENP5 at 1:250 for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 80 kDa for SENP5. Other band(s): none.

Disclaimer

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