

Datasheet for 600-401-681**HALLEN Antibody****Overview**

Description:	Anti-Hallen (RABBIT) Antibody - 600-401-681
Item No.:	600-401-681
Size:	100 µg
Applications:	ELISA
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Anti-HALLEN plays a role in the DNA damage response pathway by regulating post replication repair of UV-damaged DNA and genomic stability maintenance. The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links and DNA double-strand breaks sites on chromatin during DNA repair in response to stalled replication forks. Anti-HALLEN promotes the recruitment of SLF2 and the SMC5-SMC6 complex to DNA lesions. Anti-Hallen Antibody is useful for researchers interested in DNA damage and repair.
Synonyms:	rabbit anti-HALLEN antibody, Ankyrin repeat domain-containing protein 32, ANKRD32, cDNA FLJ57532, BRCT domain-containing protein 1, BRCTD1 antibody, Smc5/6 localization factor 1, SLF1, SMC5-SMC6 Complex Localization Factor 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SLF1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near amino acids 75 -100 of Human Hallen. Hallen is a novel BRCT domain containing protein.

Purity/Specificity: This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.

Relevant Links:

- [NCBI - NP_115666.2](#)
- [UniProtKB - Q9BQI6](#)
- [GeneID - 84250](#)

Application Details

Tested Applications: ELISA

Application Note: This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:50,000

WB: 1:500- 1:2,000

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.33 mg/mL by UV absorbance at 280 nm

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: 0.01% (w/v) Sodium Azide

Stabilizer: None

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.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.