

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

RNF113A-human

RRID:AB_1079821

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA000160, RRID:AB_1079821

Antibody Information

URL: http://antibodyregistry.org/AB_1079821

Proper Citation: Sigma-Aldrich Cat# HPA000160, RRID:AB_1079821

Target Antigen: RNF113A

Host Organism: rabbit

Clonality: unknown

Comments: ENCODE PROJECT External validation DATA SET is released testing lot A05246 for K562,liver,GM12878,HepG2; status is awaiting lab characterization,not eligible for new data

Antibody Name: RNF113A-human

Description: This unknown targets RNF113A

Target Organism: Homo sapiens

Antibody ID: AB_1079821

Vendor: Sigma-Aldrich

Catalog Number: HPA000160

Record Creation Time: 20250819T233906+0000

Record Last Update: 20250820T055953+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: A05246 is available under ENCODE ID: ENCAB000BOD - ENCODE

<https://www.encodeproject.org/antibodies/ENCAB000BOD>

No alerts have been found for RNF113A-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ahmad T, et al. (2026) KDM7B-mediated demethylation of RNF113A regulates small cell lung cancer sensitivity to alkylation damage. bioRxiv : the preprint server for biology.

Tsao N, et al. (2025) YTHDC1 cooperates with the THO complex to prevent RNA-damage-induced DNA breaks. Molecular cell, 85(6), 1085.

Lukinovi?? V, et al. (2022) SMYD3 Impedes Small Cell Lung Cancer Sensitivity to Alkylation Damage through RNF113A Methylation-Phosphorylation Cross-talk. Cancer discovery, 12(9), 2158.

Tsao N, et al. (2021) Aberrant RNA methylation triggers recruitment of an alkylation repair complex. Molecular cell, 81(20), 4228.