

RNF26 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18283c**Specification**

RNF26 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9BY78
Other Accession	NP_114404.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47737
Antigen Region	247-273

RNF26 Antibody (Center) - Additional Information**Gene ID** 79102**Other Names**

RING finger protein 26, RNF26

Target/Specificity

This RNF26 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-273 amino acids from the Central region of human RNF26.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RNF26 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF26 Antibody (Center) - Protein Information**Name** RNF26 ([HGNC:14646](#))

Function E3 ubiquitin-protein ligase that plays a key role in endosome organization by retaining vesicles in the perinuclear cloud (PubMed:[27368102](#)). Acts as a platform for perinuclear

positioning of the endosomal system by mediating ubiquitination of SQSTM1 through interaction with the ubiquitin conjugating enzyme UBE2J1 (PubMed:[27368102](#), PubMed:[33472082](#)). Ubiquitinated SQSTM1 attracts specific vesicle-associated adapters, forming a molecular bridge that restrains cognate vesicles in the perinuclear region and organizes the endosomal pathway for efficient cargo transport (PubMed:[27368102](#), PubMed:[33472082](#)). Also acts as a regulator of type I interferon production in response to viral infection by mediating the formation of 'Lys-11'-linked polyubiquitin chains on TMEM173/STING, leading to stabilize TMEM173/STING (PubMed:[25254379](#), PubMed:[32614325](#)). Also required to limit type I interferon response by promoting autophagic degradation of IRF3 (PubMed:[25254379](#)).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

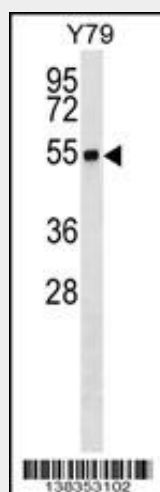
Ubiquitous. Up-regulated in several cancer cell lines.

RNF26 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF26 Antibody (Center) - Images



RNF26 Antibody (Center) (Cat. #AP18283c) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the RNF26 antibody detected the RNF26 protein (arrow).

RNF26 Antibody (Center) - Background

The protein encoded by this intronless gene contains a C3HC5 type of RING finger, a motif known to be involved in protein-DNA and protein-protein interactions. The expression of

this gene was found to be upregulated in cancer cell lines derived from different types of cancer.

RNF26 Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care (2010) In press :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Katoh, M. Biochem. Biophys. Res. Commun. 282(4):1038-1044(2001)