

C5orf45 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55868**Specification**

C5orf45 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q6NTE8
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37743

C5orf45 Polyclonal Antibody - Additional Information**Gene ID** 51149**Other Names**

MRN complex-interacting protein {ECO:0000312|HGNC:HGNC:30817}, MRN-interacting protein, MRNIP (HGNC:30817), C5orf45

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

C5orf45 Polyclonal Antibody - Protein Information**Name** MRNIP ([HGNC:30817](#))**Synonyms** C5orf45**Function**

Plays a role in the cellular response to DNA damage and the maintenance of genome stability through its association with the MRN damage-sensing complex (PubMed:27568553). Promotes chromatin loading and activity of the MRN complex to facilitate subsequent ATM-mediated DNA damage response signaling and DNA repair (PubMed:27568553).

Cellular Location

Nucleus. Nucleus, nucleoplasm. Note=Recruited to sites of DNA damage (PubMed:27568553). Phosphorylation on Ser-115 induces its nuclear localization and promotes genome stability (PubMed:27568553)

C5orf45 Polyclonal Antibody - 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](#)

C5orf45 Polyclonal Antibody - Images