

C5orf45 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55868

Product Information

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

Additional Information

Gene ID	51149
Other Names	MRN complex-interacting protein {ECO:0000312 HGNC:HGNC:30817}, MRN-interacting protein, MRNIP (HGNC:30817), C5orf45
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.