

ANKRD32 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5407a**Specification**

ANKRD32 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9BQI6
Other Accession	NP_115666.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	121050
Antigen Region	159-188

ANKRD32 Antibody (N-term) - Additional Information**Gene ID** 84250**Other Names**

Ankyrin repeat domain-containing protein 32, BRCT domain-containing protein 1, ANKRD32, BRCTD1

Target/Specificity

This ANKRD32 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-188 amino acids from the N-terminal region of human ANKRD32.

DilutionWB~~1:1000
IHC-P~~1:50~100**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

ANKRD32 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ANKRD32 Antibody (N-term) - Protein Information**Name** SLF1 {ECO:0000303|PubMed:25931565, ECO:0000312|HGNC:HGNC:25408}

Function Plays a role in the DNA damage response (DDR) pathway by regulating postreplication repair of UV-damaged DNA and genomic stability maintenance (PubMed:[25931565](#)). The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links (ICL) and DNA double-strand breaks (DSBs) sites on chromatin during DNA repair in response to stalled replication forks (PubMed:[25931565](#)). Promotes the recruitment of SLF2 and the SMC5-SMC6 complex to DNA lesions (PubMed:[25931565](#), PubMed:[36373674](#)).

Cellular Location

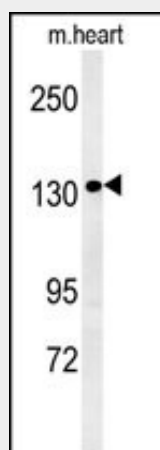
Nucleus. Cytoplasm {ECO:0000250|UniProtKB:Q8R3P9}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q8R3P9} Note=Relocalizes with RAD18 to nuclear foci in response to DNA damage Colocalizes with RAD18 in the nucleus and to centrosomes (By similarity). Associates with chromatin (PubMed:25931565). Accumulates with RAD18 and the SMC5-SMC6 complex at replication-coupled DNA interstrand repair and DNA double-strand breaks (DSBs) sites on chromatin in a ubiquitin-dependent manner (PubMed:25931565) {ECO:0000250|UniProtKB:Q8R3P9, ECO:0000269|PubMed:25931565}

ANKRD32 Antibody (N-term) - Protocols

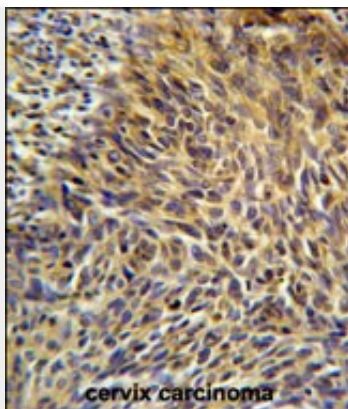
Provided below are standard protocols that you may find useful for product applications.

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

ANKRD32 Antibody (N-term) - Images



ANKRD32 Antibody (N-term)(Cat. #AP5407a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the ANKRD32 antibody detected ANKRD32 protein (arrow).



ANKRD32 Antibody (N-term) (Cat. #AP5407a) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ANKRD32 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ANKRD32 Antibody (N-term) - References

Adams, D.J., et al. Mol. Cell. Biol. 25(2):779-788(2005)