

ENKUR Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13942c

Specification

ENKUR Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8TC29
Other Accession	Q6SP97 , NP_659447.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	109-137

ENKUR Antibody (Center) - Additional Information

Gene ID 219670

Other Names

Enkurin, ENKUR, C10orf63

Target/Specificity

This ENKUR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-137 amino acids from the Central region of human ENKUR.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

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

ENKUR Antibody (Center) - Protein Information

Name ENKUR ([HGNC:28388](#))

Synonyms C10orf63

Function Adapter that functions to localize a calcium-sensitive signal transduction machinery in sperm to a calcium-permeable ion channel (By similarity). Microtubule inner protein (MIP) part of the dynein- decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:[36191189](#)).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q6SP97}. Note=Sperm acrosomal crescent and flagellar principal piece. {ECO:0000250|UniProtKB:Q6SP97}

Tissue Location

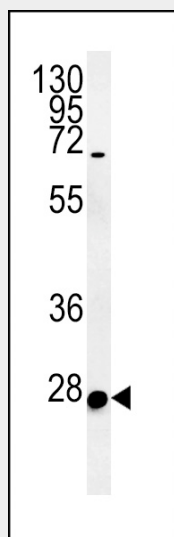
Expressed in airway epithelial cells.

ENKUR Antibody (Center) - Protocols

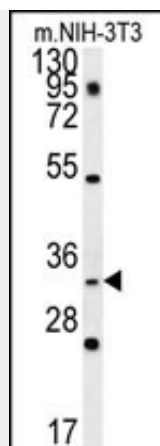
Provided below are standard protocols that you may find useful for product applications.

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

ENKUR Antibody (Center) - Images



ENKUR Antibody (Center) (Cat. #AP13942c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ENKUR antibody detected the ENKUR protein (arrow).



ENKUR Antibody (Center) (Cat. #AP13942c) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the ENKUR antibody detected the ENKUR protein (arrow).

ENKUR Antibody (Center) - Background

Enkurin interacts with transient receptor potential canonical (TRPC) cation channels (see TRPC1; MIM 602343) and functions as an adaptor protein, tethering signal transduction proteins to TRPC channels (Sutton et al., 2004 [PubMed 15385169]).

ENKUR Antibody (Center) - References

Beech, D.J. Handb Exp Pharmacol 179, 109-123 (2007) :
Sutton, K.A., et al. Dev. Biol. 274(2):426-435(2004)
Deloukas, P., et al. Nature 429(6990):375-381(2004)