

EFHC1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59103**Specification**

EFHC1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5JVL4
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73990

EFHC1 Polyclonal Antibody - Additional Information**Gene ID** 114327**Other Names**

EF-hand domain-containing protein 1, Myoclonin-1, EFHC1

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.

EFHC1 Polyclonal Antibody - Protein Information**Name** EFHC1 ([HGNC:16406](#))**Function**

Microtubule-associated protein which regulates cell division and neuronal migration during cortical development. Necessary for mitotic spindle organization (PubMed:19734894, PubMed:28370826). Necessary for radial and tangential cell migration during brain development, possibly acting as a regulator of cell morphology and process formation during migration (PubMed:22926142). May enhance calcium influx through CACNA1E and stimulate programmed cell death (PubMed:15258581, PubMed:19734894, PubMed:22926142, PubMed:28370826). 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, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Cytoplasm, cytoskeleton, cilium axoneme

Tissue Location

Widely expressed. Not detected in lymphocytes.

EFHC1 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](#)

EFHC1 Polyclonal Antibody - Images