

CEP78 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53295**Specification**

CEP78 Antibody - Product Information

Application	WB
Primary Accession	Q5JTW2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76 KDa
Antigen Region	307-356

CEP78 Antibody - Additional Information**Gene ID** 84131**Other Names**

Centrosomal protein of 78 kDa, Cep78, CEP78, C9orf81

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CEP78 Antibody - Protein Information**Name** CEP78**Synonyms** C9orf81**Function**May be required for efficient PLK4 centrosomal localization and PLK4-induced overduplication of centrioles (PubMed: <http://www.uniprot.org/citations/27246242> target="_blank">27246242). May play a role in cilium biogenesis (PubMed: <http://www.uniprot.org/citations/27588451> target="_blank">27588451).**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, cilium basal body. Note=Mainly localizes at the centriolar wall, but also found in the pericentriolar material (PubMed:27246242). Expressed in photoreceptor inner segment (PubMed:27588452).

Tissue Location

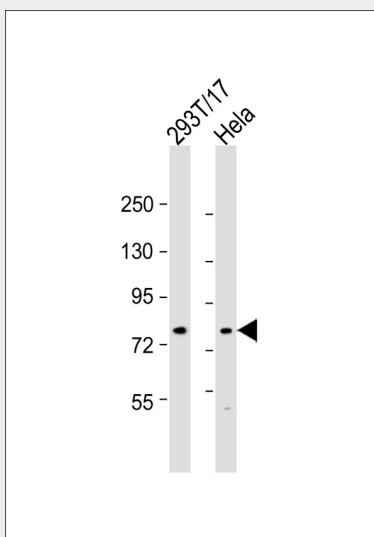
Widely expressed (PubMed:27588451, PubMed:27588452). Expressed in different retinal cell types with higher expression in cone compared to rod cells (at protein level) (PubMed:27588452).

CEP78 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](#)

CEP78 Antibody - Images



All lanes : Anti-CEP78 Antibody at 1:1000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CEP78 Antibody - References

- Humphray S.J., et al. Nature 429:369-374(2004).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Andersen J.S., et al. Nature 426:570-574(2003).
Gauci S., et al. Anal. Chem. 81:4493-4501(2009).
Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).