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CEP128 Rabbit pAb

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Catalog # AP59213

Product Information

Application	WB
Primary Accession	Q6ZU80
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	128015
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CEP128
Epitope Specificity	801-900/1094
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytoskeleton, centrosome, centriole. Cytoplasm, cytoskeleton, spindle pole. Note=Associates with the mother centriole.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Phosphorylated upon DNA damage, probably by ATM or ATR.

Additional Information

Gene ID	145508
Other Names	Centrosomal protein 128, Cep128, Centrosomal protein of 128 kDa, CEP128, C14orf145, C14orf61
Dilution	WB=1:500-2000
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	CEP128
Synonyms	C14orf145, C14orf61
Function	Is involved in the negative regulation of ciliogenesis and plays a role in

spermatogenesis (PubMed:29514088, PubMed:35296684). Contributes to the regulation of the TGFB/BMP signaling pathway at the primary cilium, where it is required for ciliary localization of RAB11A, likely affecting the trafficking and regulation of TGFB/BMP pathway components (PubMed:29514088). Required, together with ODF2, for the formation of the subdistal appendage of the centriole (By similarity).

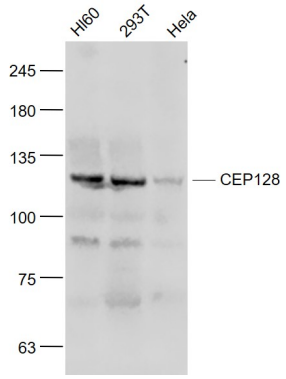
Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, cilium basal body Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole. Note=Localized to the subdistal appendage of the mother centriole and the distal end of ciliary basal body.

Background

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Images



Sample:
HL60 (Human) Cell Lysate at 30 ug
293T(Human) Cell Lysate at 30 ug
Hela (Human) Cell Lysate at 30 ug
Primary: Anti- CEP128 (AP59213) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 128 kD
Observed band size: 128 kD

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