

Rabbit anti-Human, Mouse CEP76 Polyclonal Antibody | anti-CEP76 antibody

CEP76 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324594	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

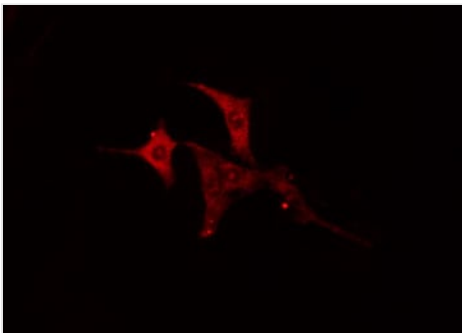
PRODUCT SYNONYMS

CEP76; Polyclonal Antibody; CEP76 Antibody; C18orf9; Centrosomal protein 76kDa; Centrosomal protein of 76 kDa; CEP 76; Cep76; CEP76_HUMAN; Chromosome 18 open reading frame 9; FLJ12542; HsT1705; anti-CEP76 antibody

PRODUCT SPECIFICATIONS

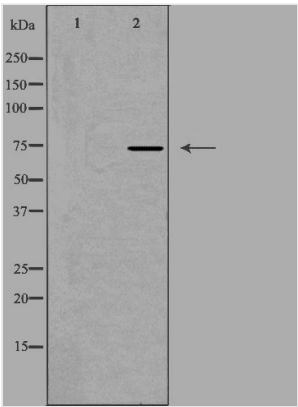
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CEP76 antibody detects endogenous levels of total CEP76
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	584
Applicable Applications for anti-CEP76 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm > Cytoskeleton > Centrosome. Cytoplasm > Cytoskeleton > Centrosome > Centriole. Does not localize along the ciliary axoneme.
Tissue Specificity	Expressed at low level in G1 and is induced in S and G2 phase, during which point centrioles have already commenced duplication (at protein level).
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (91%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324594 staining NIH-3T3 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 3T3 cells, using CEP76 antibody., The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CEP76 antibody	Function: Centrosomal protein involved in regulation of centriole duplication. Required to limit centriole duplication to once per cell cycle by preventing centriole reduplication. Subunit Structure: Interacts with CCP110 and CEP97. Similarity: Belongs to the CEP76 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	432134275
NCBI GeneID	79959
NCBI Accession #	NP_001258918.1
NCBI GenBank Nucleotide #	NM_001271989.1
UniProt Accession #	Q8TAP6; Q658N5; Q9H9U7; B0YJB2; B4DXG5; B4DZW1
Molecular Weight	Observed: 74 kD Predicted: 75 kDa
NCBI Official Full Name	centrosomal protein of 76 kDa isoform b
NCBI Official Synonym Full Names	centrosomal protein 76
NCBI Official Symbol	CEP76
NCBI Official Synonym Symbols	C18orf9; HsT1705
NCBI Protein Information	centrosomal protein of 76 kDa
UniProt Protein Name	Centrosomal protein of 76 kDa
UniProt Gene Name	CEP76
UniProt Synonym Gene Names	C18orf9; Cep76

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.