

CCDC52 Rabbit pAb

CCDC52 Rabbit pAb

Catalog # AP58825

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8N0Z3
Predicted	Rat, Pig, Human, Mouse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96264
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCDC52
Epitope Specificity	51-140/855
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. The gene encoding CCDC52 (Coiled-coil domain-containing protein 52), a 855 amino acid protein, exists on human chromosome 3.

Additional Information

Gene ID	152185
Other Names	Spindle and centriole-associated protein 1, Coiled-coil domain-containing protein 52, Spindle and centriole-associated protein, SPICE1, CCDC52, SPICE
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	SPICE1
Synonyms	CCDC52, SPICE
Function	Regulator required for centriole duplication, for proper bipolar spindle formation and chromosome congression in mitosis.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, spindle

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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