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Rabbit Anti-CCDC89 antibody

SL8094R

Product Name:	CCDC89
Chinese Name:	卷曲螺旋结构域蛋白89抗体
Alias:	Bc8 orange-interacting protein; BOIP; CCD89_HUMAN; Ccdc89; Coiled-coil domain-containing protein 89.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	63kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCDC89:288-374/374
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	CCDC89 is a 374 amino acid cytoplasmic and nuclear protein that interacts with HRT1 and belongs to the CCDC89 family. The gene that encodes CCDC89 consists of more than 2,000 bases and maps to human chromosome 11q14.1. Chromosome 11, which comprises approximately 4% of the human genome, is considered a gene and disease association-dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks.

	Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and thalassemia are caused by HBB gene mutations, while Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11-encoded genes. **Subunit:** Interacts with HEY1. **Subcellular Location:** Cytoplasm. Nucleus. Note=Uniformly distributed within the cell, but becomes recruited to the nucleus upon binding to HEY1. **Similarity:** Belongs to the CCDC89 family. **SWISS:** Q8N998 **Gene ID:** 220388 **Database links:** Entrez Gene: 220388 Human SwissProt: Q8N998 Human Unigene: 376241 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.