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Rabbit Anti-C10orf30 antibody

SL9775R

Product Name:	C10orf30
Chinese Name:	10号染色体开放阅读框30抗体
Alias:	BEN domain-containing protein 7; BEND7; Chromosome 10 open reading frame 30; FLJ40283; MGC35247; BEND7_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	58kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C10orf30/BEND7:251-350/519
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:	BEND7 is a 519 amino acid protein that contains a BEN domain. BEN domain mediates protein–DNA and protein–protein interactions during chromatin organization and transcription. BEN domain may play a role in organization of viral DNA during replication or transcription. BEND7 exists as three independently spiced isoforms and the gene that encodes BEND7 maps to chromosome 10p13. Chromosome 10 contains over 800 genes and 135 million nucleotides, making up nearly 4.5% of the human

genome. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome. The chromosome 10 encoded gene ERCC6 is important for DNA repair and is linked to Cockayne syndrome which is characterized by extreme photosensitivity and premature aging. Tetrahydrobiopterin deficiency and a number of syndromes involving defective skull and facial bone fusion are also linked to chromosome 10.

Similarity:
Contains 1 BEN domain.

SWISS:
Q8N7W2

Gene ID:
222389

Database links:

Entrez Gene: 222389Human

Entrez Gene: 209645Mouse

SwissProt: Q8N7W2Human

SwissProt: Q8BSV3Mouse

Unigene: 498740Human

Unigene: 149539Mouse

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