

CCDC4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01292
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human BEND4. AA range:371-420
Mol wt	57856
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CCDC4 Antibody
Synonyms	BEND4; CCDC4; BEN domain-containing protein 4; Coiled-coil domain-containing protein 4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

BEND4 (BEN domain-containing protein 4) is a 530 amino acid protein that contains a BEN domain. BEND4 exists as five alternatively spliced isoforms and is considered a complete proteome. 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. The BEND4 gene maps to human chromosome 4p13. Representing approximately 6% of the human genome, chromosome 4 contains nearly 900 genes. Chromosome 4 reportedly contains the largest gene deserts (regions of the genome with no protein encoding genes) and has one of the two lowest recombination frequencies of the human chromosomes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer.

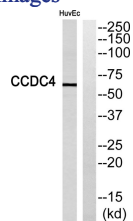
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of BEND4 Antibody. The lane on the right is blocked with the BEND4 peptide.



Western Blot analysis of various cells using CCDC4 Polyclonal Antibody

Storage

-20°C for one year

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