Datasheet for ABIN129668

anti-CTCFL antibody (AA 9-26)

1 Image | 6 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	CTCFL
Binding Specificity:	AA 9-26
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTCFL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 9-26 of human BORIS protein.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	CTCFL
Alternative Name:	BORIS (CTCFL Products)
Background:	This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear

Target Details

	Signaling research. BORIS (Brother of the Regulator of Imprinted Sites) also known as CCCTC-binding factor-like protein, is normally only expressed in the testis and expressed in a mutually exclusive manner with CTCF during male germ cell development. However, previous studies have shown that BORIS is abnormally activated in a wide range of human cancers. Expression of BORIS in normally BORIS-negative cells promotes cell growth that may lead to transformation. BORIS maps to the cancer-associated amplification region thought to contain an oncogene or dominant-immortalizing gene. BORIS is a candidate protein for the epigenetic reprogramming factor acting in the male germ line. BORIS is found in both the nucleus and cytoplasm. Synonyms: Brother of the regulator of imprinted sites antibody, CCCTC binding factor (zinc finger protein) like antibody, CCCTC-binding factor antibody, CTCF paralog antibody, CTCF T antibody
Gene ID:	140690, 20805280
UniProt:	Q8NI51

Application Details

Application Notes:	This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a predominant band approximately 75 kDa in size corresponding to BORIS by western blotting in the appropriate cell lysate or extract.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.28 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Publications

Product cited in:

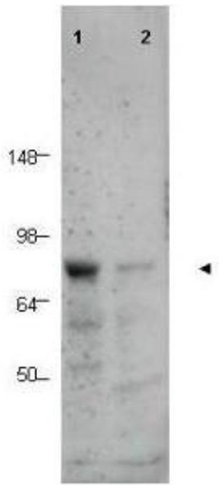
Daniel, Russ, Guthridge, Raina, Estes, Parsons, Richardson, Schroeder, Zarnescu: "miR-9a mediates the role of Lethal giant larvae as an epithelial growth inhibitor in Drosophila." in: **Biology open**, Vol. 7, Issue 1, (2018) (PubMed).

Bankoti, Ogawa, Nguyen, Emadi, Couse, Salehi, Fan, Dhall, Wang, Brown, Funari, Tang, Martins: "Differential regulation of Effector and Regulatory T cell function by Blimp1." in: **Scientific reports**, Vol. 7, Issue 1, pp. 12078, (2017) (PubMed).

Guo, Maeda, Ma, Delgado, Sohn, Miers, Ko, Bannerman, Xu, Wang, Zhou, Takebayashi, Pleasure : "Macroglial plasticity and the origins of reactive astroglia in experimental autoimmune encephalomyelitis." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 31, Issue 33, pp. 11914-28, (2011) (PubMed).

There are more publications referencing this product on: Product page

Images



Western Blotting

Image 1. Western blot using Affinity Purified anti-BORIS antibody shows detection of a predominant band corresponding to BORIS in human tissue lysates (arrowhead). Lane 1 contains lysate from human prostate tissue. Lane 2 contains lysate from human spleen tissue. A predominant band at ~75 kDa is observed. Molecular weight estimation was made by comparison to prestained MW markers as indicated.