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anti-BICD2 antibody (AA 511-625) (HRP)



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Quantity:	100 μg
Target:	BICD2
Binding Specificity:	AA 511-625
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BICD2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Protein bicaudal D homolog 2 protein (511-625AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	BICD2
Alternative Name:	BICD2 (BICD2 Products)
Background:	Background: Acts as an adapter protein linking the dynein motor complex to various cargos and
	converts dynein from a non-processive to a highly processive motor in the presence of

dynactin. Facilitates and stabilizes the interaction between dynein and dynactin and activates dynein processivity (the ability to move along a microtubule for a long distance without falling off the track) (By similarity). Facilitates the binding of RAB6A to the Golgi by stabilizing its GTP-bound form. Regulates coat complex coatomer protein I (COPI)-independent Golgi-endoplasmic reticulum transport via its interaction with RAB6A and recruitment of the dynein-dynactin motor complex (PubMed:25962623). Contributes to nuclear and centrosomal positioning prior to mitotic entry through regulation of both dynein and kinesin-1. During G2 phase of the cell cycle, associates with RANBP2 at the nuclear pores and recruits dynein and dynactin to the nuclear envelope to ensure proper positioning of the nucleus relative to centrosomes prior to the onset of mitosis (By similarity).

Aliases: bA526D8.1 antibody, Bic D 2 antibody, Bic-D 2 antibody, Bicaudal D homolog 2 (Drosophila) antibody, Bicaudal D homolog 2 antibody, Bicd2 antibody, BICD2_HUMAN antibody, Coiled coil protein BICD2 antibody, Cytoskeleton like bicaudal D protein homolog 2 antibody, Homolog of Drosophila bicaudal D antibody, KIAA0699 antibody, Protein bicaudal D homolog 2 antibody

UniProt:	Q8TD16

Pathways: Maintenance of Protein Location

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
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Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.