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Datasheet for ABIN885806
anti-BUB3 antibody (AA 201-300) (Biotin)

Overview

Quantity:	100 µL
Target:	BUB3
Binding Specificity:	AA 201-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BUB3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Bub3
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog
Purification:	Purified by Protein A.

Target Details

Target:	BUB3
Alternative Name:	Bub3 (BUB3 Products)

Target Details

Background:	<p>Synonyms: BUB3L, hBUB3, Mitotic checkpoint protein BUB3, BUB3</p> <p>Background: Has a dual function in spindle-assembly checkpoint signaling and in promoting the establishment of correct kinetochore-microtubule (K-MT) attachments. Promotes the formation of stable end-on bipolar attachments. Necessary for kinetochore localization of BUB1.</p> <p>Regulates chromosome segregation during oocyte meiosis. The BUB1/BUB3 complex plays a role in the inhibition of anaphase-promoting complex or cyclosome (APC/C) when spindle-assembly checkpoint is activated and inhibits the ubiquitin ligase activity of APC/C by phosphorylating its activator CDC20. This complex can also phosphorylate MAD1L1.</p>
Gene ID:	9184
UniProt:	O43684
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months