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Datasheet for ABIN1404100
anti-GID8/C20orf11 antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	GID8/C20orf11 (GID8)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GID8/C20orf11 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TWA1/C20orf11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	GID8/C20orf11 (GID8)
Alternative Name:	C20orf11 (GID8 Products)
Background:	Synonyms: Chromosome 20 open reading frame 11, CT011_HUMAN, Protein C20orf11, Twa1, Two hybrid associated protein 1, Two hybrid-associated protein 1 with Ran BP-M, Two hybrid associated protein 1 with RanBPM, Two hybrid-associated protein 1 with RanBPM. Background: TWA1 is a 228 amino acid nuclear protein that is highly conserved throughout

Target Details

evolution. TWA1 interacts with Ran BP-M, a protein that is implicated in a diverse array of cellular processes including DNA replication, entry into and exit from mitosis, and the transport of RNA and proteins through the nuclear pore complex. Together, Ran BP-M and TWA1 form a complex with cytoplasmic Muskelin, a mediator of cell spreading. It is thought that this complex plays a role in the Ran GTPase cycle and therefore a potential role in the cell cycle. TWA1 contains a LisH-CTLH motif which is usually found in proteins that are involved in nucleokinesis, chromosome segregation, cell migration and microtubule dynamics. The gene encoding TWA1 maps to human chromosome 20, which comprises approximately 2 % of the human genome and contains nearly 63 million bases that encode over 600 genes.

Application Details

Application Notes: IF(IHC-P) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months