Datasheet for ABIN1385481

anti-TPD52L1 antibody

Go to Product page

Overview

Quantity:	100 µL
Target:	TPD52L1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPD52L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TPD52L1/D53
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	TPD52L1
Alternative Name:	D53 (TPD52L1 Products)
Background:	Synonyms: D53, D54, hD53, hD54, Tpd52l1, TPD52L2 TPD53_HUMAN, Tumor protein D52 like 1, Tumor protein D52 like 2, Tumor protein D52-like 1, Tumor protein D53, Tumor protein D54. Background: The cell commits to dividing during the G2/M phase transition, and the timing of

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Target Details

	mitotic entry is tightly regulated to guarantee correct chromosome segregation. D53, also referred to as tumor protein D52-like 1 (TPD52L1), is a coiled-coil motif-bearing member of the D52 tumor protein family. D53 intereacts with 14-3-3, a negative regulator of the G2/M transition, in breast cancer cells. Expression of D53 is highly upregulated at the G2/M phase transition in breast cancer cell lines, and deregulated expression of this protein can adversely affect the completion of mitosis. D53 may function as a signaling intermediate and/or regulator of vesicle trafficking and cell proliferation.
Gene ID:	7164
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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