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Datasheet for ABIN1422366 **anti-PTPLA antibody (Cy5)**

Overview

Quantity:	100 µL
Target:	PTPLA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPLA antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Brd4/CAP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PTPLA
Alternative Name:	CAP (PTPLA Products)
Background:	<p>Synonyms: Brd4, BRD4_HUMAN, bromodomain containing protein 4, Bromodomain-containing protein 4, CAP, chromosome associated protein, HUNK1, Protein HUNK1.</p> <p>Background: Brd4 belongs to the BET family, a group of structurally related proteins containing two bromodomains. Through these two domains, Brd4 associates with mitotic chromosomes</p>

Target Details

and its expression correlates with cell growth. Expression of Brd4 inhibits cell cycle progression from G(1) to S, due to binding to the largest subunit of replication factor C (RFC) to prevent DNA elongation. Altered Brd4 function correlates with poorly differentiated carcinoma, with aggressive phenotype and a highly lethal outcome.

Gene ID:	23476
UniProt:	O60885
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

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