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Datasheet for ABIN5001516
anti-PRUNE antibody (AA 201-300) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	PRUNE
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRUNE antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DRES17
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PRUNE
Alternative Name:	DRES17 (PRUNE Products)

Target Details

Background: Synonyms: DRES17, Drosophila-related expressed sequence 17, hprune, HTCD37, Prune homolog, PRUNE like protein, TcD37 homolog, PRUNE_HUMAN.

Background: PRUNE, the human homologue of the Drosophila gene, is located in 1q21.3, a region highly amplified in human sarcomas, malignant tumours of mesenchymal origin. Human prune (h-prune), a phosphoesterase DHH family appertaining protein, physically interacts with nm23-H1, a metastasis suppressor gene. h-prune is involved in cellular motility and metastasis formation. Metastatic breast cancers were found to overexpress h-prune, h-prune was also found to be highly expressed in colorectal and pancreatic cancers. Hence h-prune is considered useful as a marker for tumor aggressiveness.

Gene ID: 58497

Application Details

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