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Datasheet for ABIN2179209

anti-SHROOM1 antibody (AA 121-220) (HRP)

Overview

Quantity:	100 µL
Target:	SHROOM1
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHROOM1 antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SHROOM1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	SHROOM1
Alternative Name:	SHROOM1 (SHROOM1 Products)

Target Details

Background:	<p>Synonyms: Apical protein 2, APXL2, Protein Shroom1, SHRM1_HUMAN, Shroom family member 1, Shroom1.</p> <p>Background: SHROOM1 is an 852 amino acid protein that contains one ASD1 domain and one ASD2 domain. Localized to both the cytoplasm and the cytoskeleton, SHROOM1 interacts with Actin and is thought to be involved in microtubule assembly during cell elongation, possibly playing a role in the development of the nervous system. Multiple isoforms of SHROOM1 exist due to alternative splicing events. The gene encoding SHROOM1 maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6 % of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.</p>
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Application Details

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

Handling

Format:	<p>Liquid</p>
Concentration:	<p>1 µg/µL</p>
Buffer:	<p>Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.</p>
Preservative:	<p>ProClin</p>
Precaution of Use:	<p>This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.</p>
Handling Advice:	<p>Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.</p>
Storage:	<p>-20 °C</p>
Storage Comment:	<p>Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.</p>
Expiry Date:	<p>12 months</p>