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Datasheet for ABIN6719539

anti-SMARCAD1 antibody (AA 827-1002)

Overview

Quantity:	100 µg
Target:	SMARCAD1
Binding Specificity:	AA 827-1002
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for SMARCAD1 detection. Tested with WB, IHC-P, Direct ELISA in Human, Mouse, Rat.
Immunogen:	E.coli-derived human SMARCAD1 recombinant protein (Position: D827-T1002).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for SMARCAD1 detection. Tested with WB, IHC-P, Direct ELISA in Human, Mouse, Rat.
Purification:	Immunogen affinity purified.

Target Details

Target:	SMARCAD1
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Target Details

Alternative Name:	SMARCAD1 (SMARCAD1 Products)
Background:	<p>Synonyms: SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1, ATP-dependent helicase 1, hHEL1, SMARCAD1, KIAA1122</p> <p>Background: SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 is a protein that in humans is encoded by the SMARCAD1 gene. It is mapped to 4q22.3. This gene encodes a member of the SNF subfamily of helicase proteins. The encoded protein plays a critical role in the restoration of heterochromatin organization and propagation of epigenetic patterns following DNA replication by mediating histone H3/H4 deacetylation. Mutations in this gene are associated with adermatoglyphia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.</p>
Gene ID:	56916
UniProt:	Q9H4L7

Application Details

Application Notes:	Application details: Western blot 0.1-0.5 µg/mL Immunohistochemistry(Paraffin-embedded Section) 0.5-1 µg/mL Direct ELISA 0.1-0.5 µg/mL
Comment:	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.