

Datasheet for ABIN931016
anti-AXUD1 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	AXUD1 (CSRNP1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AXUD1 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	AXUD1 antibody was raised in mouse using recombinant Human Axin1 Up-Regulated 1 (Axud1)
Clone:	2055E3a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	AXUD1 (CSRNP1)
Alternative Name:	AXUD1 (CSRNP1 Products)
Background:	The protein encoded by this gene is part of a complex of proteins that constitute adherens

Target Details

junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene. Synonyms: Monoclonal AXUD1 antibody, Anti-AXUD1 antibody, AXIN1 up regulated 1 antibody, URAX1 antibody, TAIP-3 antibody, DKFZp566F164 antibody, FAM130B antibody.

Pathways: [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: AXUD1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

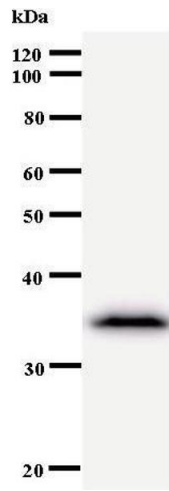
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.