

Datasheet for ABIN650902

**anti-ANKFY1 antibody (C-Term)**

3 Images

1 Publication

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## Overview

Quantity:	400 µL
Target:	ANKFY1
Binding Specificity:	AA 436-465, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKFY1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ANKFY1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 436-465 amino acids from the C-terminal region of human ANKFY1.
Clone:	RB24898
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ANKFY1
Alternative Name:	ANKFY1 ( <a href="#">ANKFY1 Products</a> )

## Target Details

Background:	ANKFY1 encodes a cytoplasmic protein that contains a coiled-coil structure and a BTB/POZ domain at its N-terminus, ankyrin repeats in the middle portion, and a FYVE-finger motif at its C-terminus. This protein belongs to a subgroup of double zinc finger proteins which may be involved in vesicle or protein transport.
Molecular Weight:	128399
Gene ID:	51479
NCBI Accession:	<a href="#">NP_001244928</a> , <a href="#">NP_057460</a>
UniProt:	<a href="#">Q9P2R3</a>

## Application Details

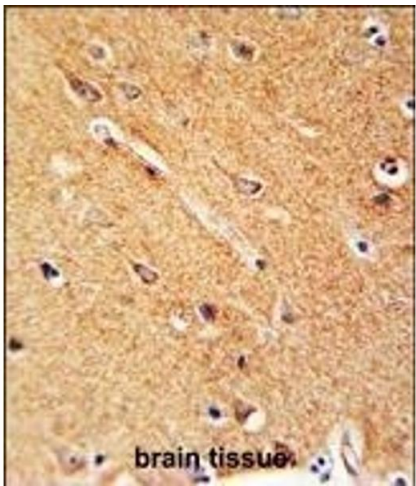
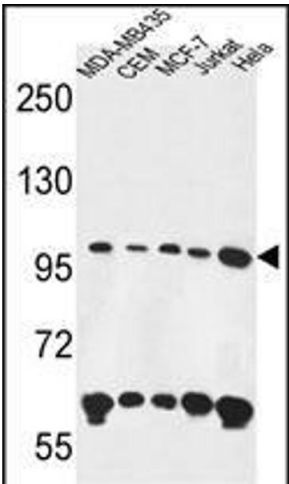
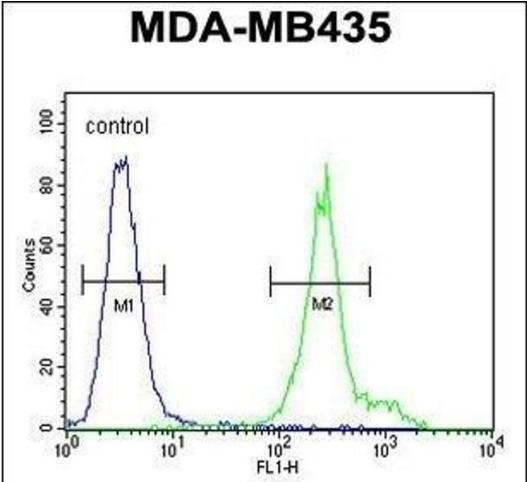
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

Product cited in:	Costa Verdera, Gitz-Francois, Schiffelers, Vader: "Cellular uptake of extracellular vesicles is mediated by clathrin-independent endocytosis and macropinocytosis." in: <b>Journal of controlled release : official journal of the Controlled Release Society</b> , Vol. 266, pp. 100-108, (2018) ( <a href="#">PubMed</a> ).
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### Flow Cytometry

**Image 1.** ANKFY1 Antibody (C-term) (ABIN650902 and ABIN2839988) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** ANKFY1 Antibody (C-term) (ABIN650902 and ABIN2839988) western blot analysis in MDA-M, CEM, MCF-7, Jurkat, Hela cell line lysates (35 µg/lane). This demonstrates the ANKFY1 antibody detected the ANKFY1 protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** ANKFY1 Antibody (C-term) (ABIN650902 and ABIN2839988) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ANKFY1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.