

Datasheet for ABIN6992076
anti-IQSEC1 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	IQSEC1
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IQSEC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	IQSEC1 antibody was raised against a 19 amino acid peptide near the amino terminus of human IQSEC1. The immunogen is located within amino acids 60 - 110 of IQSEC1.
Isotype:	IgG
Specificity:	IQSEC1 antibody is human, mouse and rat reactive. At least four isoforms of IQSEC1 are known to exist. IQSEC1 antibody is predicted to not cross-react with IQSEC2.
Purification:	IQSEC1 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IQSEC1
Alternative Name:	IQSEC1 (IQSEC1 Products)

Target Details

Background:	ADP ribosylation factors (Arfs) are small GTP-binding proteins known for their role in vesicular transport, where they nucleate the assembly of coat protein complexes at sites of carrier vesicle formation. IQSEC1 (GEP100/BRAG2), a guanine nucleotide exchange protein for ARF6, belongs to the BRAG family and contains one IQ domain, one PH domain and one SEC7 domain (1). As a known activator of ARF6, IQSEC1 regulates cell surface levels of Beta1 integrin and its knockdown blocked tumour metastasis (2,3). IQSEC1 links EGFR signaling to ARF6 activation and may contribute to the cancer metastasis and malignancy (4).
Molecular Weight:	Predicted: 106 kDa Observed: 103 kDa
Gene ID:	9922
NCBI Accession:	NP_055684
UniProt:	Q6DN90

Application Details

Application Notes:	<p>IQSEC1 antibody can be used for detection of IQSEC1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry at 2 µg/mL. For immunofluorescence start at 2 µg/mL.</p> <p>Antibody validated: Western Blot in mouse samples, Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	IQSEC1 antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C

Handling

Storage Comment: IQSEC1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.