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Datasheet for ABIN334429
anti-LASS5/6 antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	LASS5/6
Binding Specificity:	Internal Region
Reactivity:	Cow, Dog, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LASS5/6 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	LASS5+6 / CerS5+6
Immunogen:	Peptide with sequence C-RGKVKDDRS DVES, from the internal region of the protein sequence according to NP_671723.1, NP_982288.1.
Sequence:	RGKVKDDRS DVES
Isotype:	IgG
Specificity:	This antibody is expected to cross-react with the highly similar LASS6.
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	LASS5/6
Alternative Name:	LASS5+6 / CerS5+6 (LASS5/6 Products)
Background:	LASS5, LAG1 homolog, ceramide synthase 5, CerS5, FLJ25304, MGC45411, Trh4, LAG1 longevity assurance homolog 5
Gene ID:	91012, 253782
NCBI Accession:	NP_671723 , NP_982288

Application Details

Application Notes: DS WB Results: Preliminary experiments gave an approx. 60 kDa band in lysates of HEK293, HeLa and HepG2 after 0.5 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 45.8 kDa according to NP_671723.1. The 60 kDa band was successfully blocked by incubation with the immunizing peptide. Have any further splice variants/modified forms been reported?
Peptide ELISA: antibody detection limit dilution 1:4000.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.