Datasheet for ABIN6260415

anti-CALML5 antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µL
Target:	CALML5
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALML5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human CALML5, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	CALML5 Antibody detects endogenous levels of total CALML5.
Predicted Reactivity:	Pig,Bovine,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CALML5

Target Details

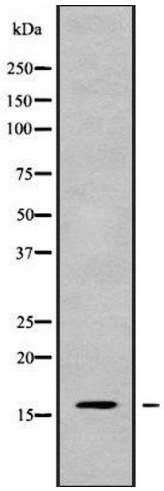
Alternative Name:	CALML5 (CALML5 Products)
Background:	Description: Binds calcium. May be involved in terminal differentiation of keratinocytes. Gene: CALML5
Molecular Weight:	16 kDa
Gene ID:	51806
UniProt:	Q9NZT1
Pathways:	Phototransduction

Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

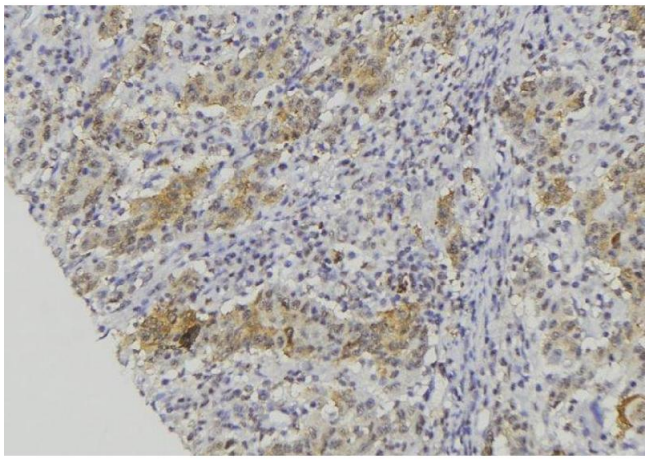
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of CALML5 using MCF7 whole cell lysates



Immunohistochemistry

Image 2. ABIN6279230 at 1/100 staining Human lung cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

