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Datasheet for ABIN5539809 anti-MICU1 antibody (AA 113-126)

2 Images



Overview

Quantity:	100 µg
Target:	MICU1
Binding Specificity:	AA 113-126
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MICU1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CBARA1 (aa113-126)
Sequence:	EYENRIRAYS TPDK
lsotype:	lgG
Specificity:	This antibody is expected to recognize reported isoforms 1 and 2 (NP_006068.2, NP_001182447.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details				
Target:	MICU1			
Alternative Name:	MICU1 (MICU1 Products)			
Background:	CBARA1, calcium binding atopy-related autoantigen 1, CALC, DKFZp564C246, EFHA3, FLJ12684, OTTHUMP00000019787, ara CALC, atopy related autoantigen, atopy-related autoantigen CALC, calcium-binding atopy-related autoantigen 1			
Gene ID:	10367, 216001, 365567			
NCBI Accession:	NP_006068, NP_001182447			
Application Details				
Application Notes:	 Immunohistochemistry: Paraffin embedded Human Lung. Recommended concentration: 3.75 µ g/mL. Western Blot: Approx 55 kDa band observed in lysates of cell line K562 (calculated MW of 54.6 kDa according to NP_006068.2). Recommended concentration: 0.5-2 µg/mL. An additional band of unknown identity was also consistently observed at 37 kDa. This band wa Peptide ELISA: antibody detection limit dilution 1:32000. 			
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 at 4°C for a few weeks and still remain viable.				

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Immunohistochemistry

Image 1. ABIN5539809 (3.75µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

	150kDa 100kDa
	75kDa
-	50kDa
-	37kDa
	25kDa
	20kDa
	15kDa

Western Blotting

Image 2. ABIN5539809 (0.5µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.