Datasheet for ABIN6143029

anti-Keratin 36 antibody (AA 388-467)

2 Images

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Overview

Quantity:	100 µL
Target:	Keratin 36 (KRT36)
Binding Specificity:	AA 388-467
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Keratin 36 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 388-467 of human KRT36 (NP_003762.1).
Sequence:	GEIATYRHLL EGEDCKLPPQ PCATACKPVI RVPSVPPVPC VPSVPCTPAP QVGTQIRTIT EEIRDGKVIS SREHVQSRPL
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Keratin 36 (KRT36)

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Target Details

Alternative Name:	KRT36 (KRT36 Products)
Background:	The protein encoded by this gene is a member of the keratin gene family. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.,KRT36,HA6,KRTHA6,hHa6,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Intermediate Filaments,Extracellular Matrix,Keratin,KRT36
Molecular Weight:	47 kDa/52 kDa
Gene ID:	8689
UniProt:	O76013

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.

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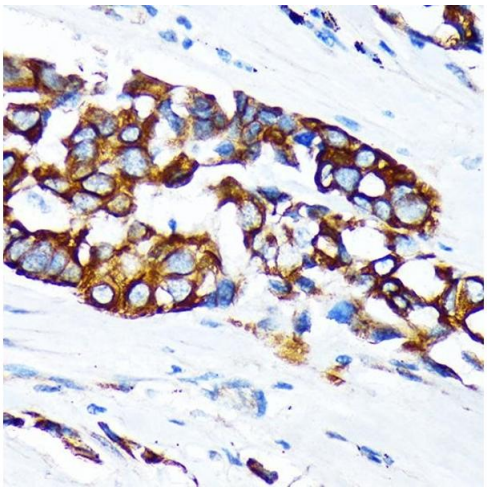
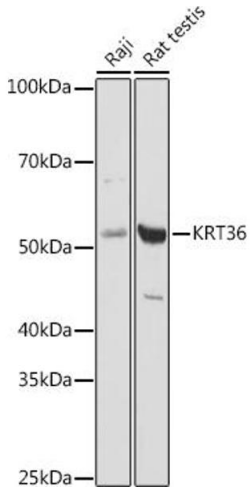


Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using KRT36 Rabbit pAb (ABIN6130229, ABIN6143029, ABIN6143030 and ABIN6217868) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using (ABIN6130229, ABIN6143029, ABIN6143030 and ABIN6217868) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

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