antibodies -online.com







anti-Keratin 82 antibody (AA 312-341)

Images

Publication



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Overview		
Quantity:	400 μL	
Target:	Keratin 82 (KRT82)	
Binding Specificity:	AA 312-341	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Keratin 82 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This KRT82 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 312-341 amino acids from the Central region of human KRT82.	
Clone:	RB26015	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	Keratin 82 (KRT82)	
Alternative Name:	KRT82 (KRT82 Products)	
Background:	KRT82 is a member of the keratin gene family. As a type II hair keratin, it is a basic protein	

Target Details

which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are
clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies
based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is
highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All
hair keratins are expressed in the hair follicle, this keratin appears to be a hair cuticle-specific
keratin.

Molecular Weight:

56653

Gene ID:

3888

NCBI Accession:

NP_149022

UniProt:

Q9NSB4

Application Details

Application Notes:

WB: 1:1000. IHC-P: 1:50~100

Restrictions:

For Research Use only

Handling

Liquid

Buffer:

Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

Should be har

Storage:

4 °C,-20 °C

Storage Comment:

Maintain refrigerated at 2-8 $^{\circ}$ C for up to 6 months. For long term storage store at -20 $^{\circ}$ C in small

aliquots to prevent freeze-thaw cycles.

Expiry Date:

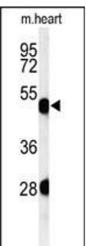
6 months

Publications

Product cited in:

Cai, Zhou, Huang, Zeng, Zhang, Wang, Li, Feng, Han: "Reduced expression of Krüppel-like factor 17 is related to tumor growth and poor prognosis in lung adenocarcinoma." in: **Biochemical and biophysical research communications**, Vol. 418, Issue 1, pp. 67-73, (2012) (PubMed).





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. KRT82 Antibody (Center) (ABIN651240 and ABIN2840149) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KRT82 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of KRT82 Antibody (Center) (ABIN651240 and ABIN2840149) in mouse heart tissue lysates (35 μ g/lane).KRT82 (arrow) was detected using the purified Pab.