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Datasheet for ABIN734498

anti-pan Keratin antibody

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Overview

Quantity:	100 µL
Target:	pan Keratin (panKRT)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This pan Keratin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CK14
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	pan Keratin (panKRT)
Alternative Name:	Wide Spectrum Cytokeratin (panKRT Products)
Background:	Synonyms: K14, NFJ, CK14, EBS3, EBS4, Keratin, type I cytoskeletal 14, Cytokeratin-14, CK-14, Keratin-14, KRT14

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Target Details

	Background: The nonhelical tail domain is involved in promoting KRT5-KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro.
Gene ID:	3861
UniProt:	P02533

Application Details

Application Notes:	WB 1:100-1000
	IHC-P 1:100-500
	IF(IHC-P) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

Publications

Product cited in:	Liu, Han, Wang, Feng: "Down-regulation of Wnt10a affects odontogenesis and proliferation in mesenchymal cells." in: **Biochemical and biophysical research communications**, Vol. 434, Issue 4, pp. 717-21, (2013) (PubMed).

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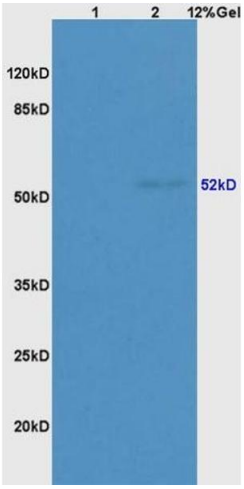
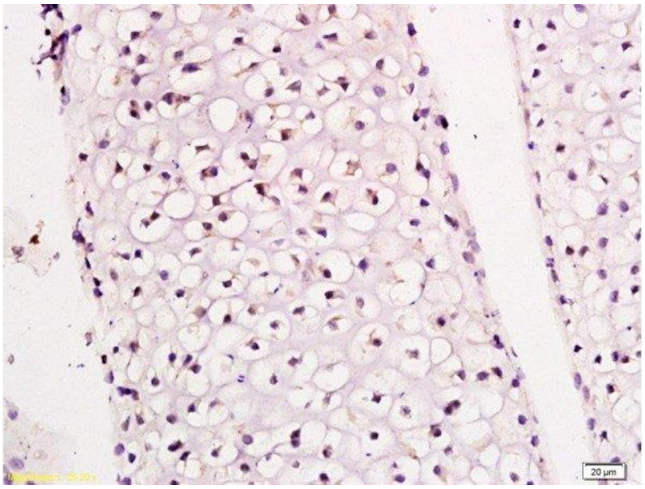


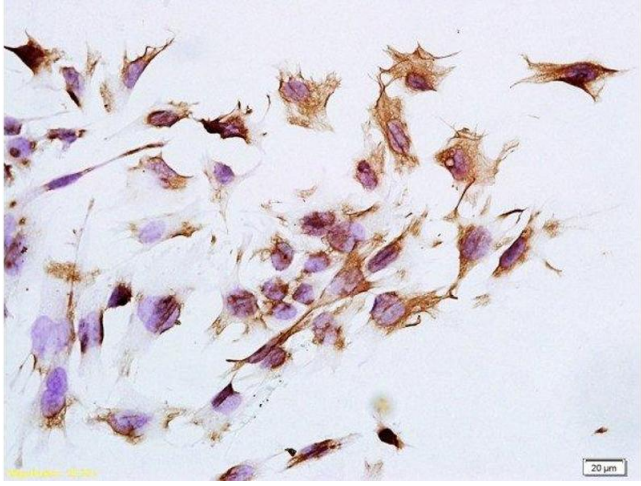
SDS-PAGE

Image 1. Lane 1: mouse embryo lysates Lane 2: rat brain lysates probed with Anti CK14/17/42/10 Polyclonal Antibody, Unconjugated (ABIN734498) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 52kD. Observed band size: 52kD.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded rat articular cartilage tissue labeled with Anti-CK14 Polyclonal Antibody, Unconjugated at 1:300 followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence (Cultured Cells)

Image 3. Formalin-fixed and paraffin embedded human epithelial cells tissue labeled with Anti-CK14 Polyclonal Antibody, Unconjugated at 1:300 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining

Please check the product details page for more images. Overall 4 images are available for ABIN734498.

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