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Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52071

Specification

Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody - Product Information

Application	**WB, IHC-P, ICC**
Primary Accession	P02533
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Antigen Region	**human CK14:251-350/472**

Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody - Additional Information

Gene ID 3861

Other Names
K14; NFJ; CK14; EBS3; EBS4; Keratin, type I cytoskeletal 14; Cytokeratin-14; CK-14; Keratin-14; KRT14

Dilution
WB~~1:100~1:500<br \>IHC-P~~1:100~1:500<br \>ICC~~1:100~1:500

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody - Protein Information

Name KRT14

Function
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.

Cellular Location
Cytoplasm. Nucleus. Note=Expressed in both as a filamentous pattern.

Tissue Location
Expressed in the corneal epithelium (at protein level) (PubMed:26758872). Detected in the basal layer, lowered within the more apically located layers specifically in the stratum spinosum, stratum

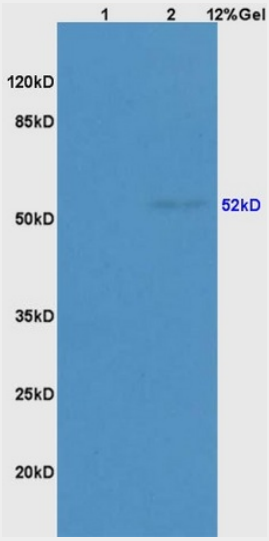
granulosum but is not detected in stratum corneum. Strongly expressed in the outer root sheath of anagen follicles but not in the germinative matrix, inner root sheath or hair (PubMed:9457912). Found in keratinocytes surrounding the club hair during telogen (PubMed:9457912).

Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody - Protocols

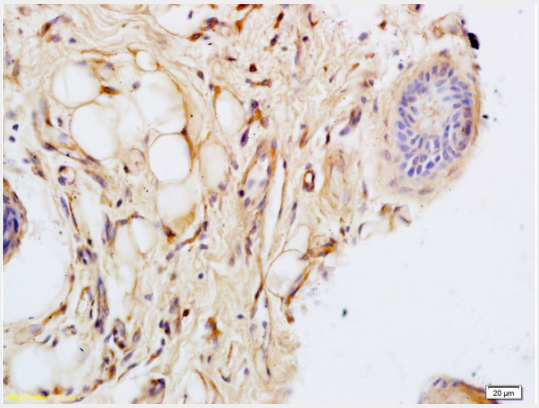
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody - Images



Lane 1: mouse embryo lysates Lane 2: rat brain lysates probed with Anti CK14/17/42/10 Polyclonal Antibody, Unconjugated at 1:3000 90min in 37˚C. Predicted band 52kD. Observed band size: 52kD.



Formalin-fixed and paraffin embedded rat skin tissue labeled with Anti-CK14 Polyclonal Antibody,

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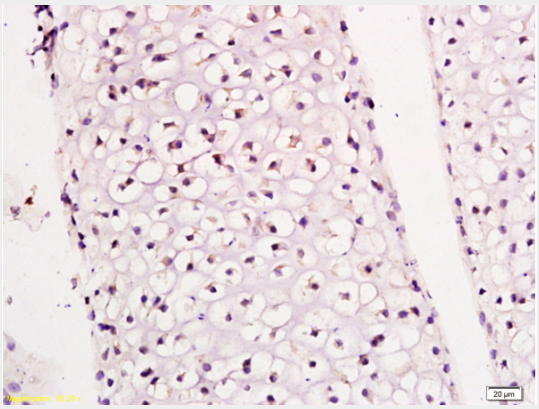
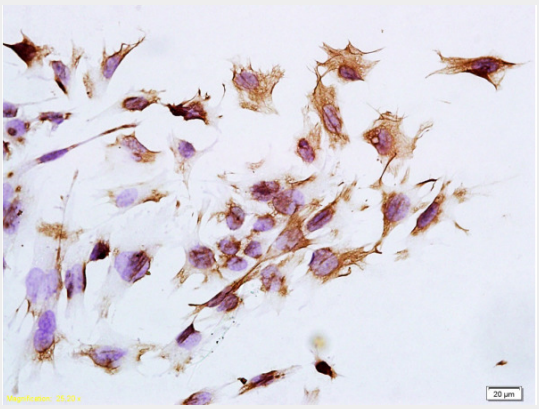
Unconjugated(AP52071) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Formalin-fixed and paraffin embedded rat articular cartilage tissue labeled with Anti-CK14 Polyclonal Antibody, Unconjugated AP52071 at 1:300 followed by conjugation to the secondary antibody and DAB staining



Formalin-fixed and paraffin embedded human epithelial cells tissue labeled with Anti-CK14 Polyclonal Antibody, Unconjugated AP52071 at 1:300 followed by conjugation to the secondary antibody and DAB staining

Rabbit Anti-Wide Spectrum Cytokeratin Polyclonal Antibody - 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.