

KRT74 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15366**Specification**

KRT74 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q7RTS7
Other Accession	NM_175053 , NP_778223
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58kDa KDa

KRT74 Antibody - N-terminal region - Additional Information**Gene ID** 121391**Alias Symbol** K6IRS4, KRT5C, KRT6IRS4**Other Names**

Keratin, type II cytoskeletal 74, Cytokeratin-74, CK-74, Keratin-5c, K5C, Keratin-74, K74, Type II inner root sheath-specific keratin-K6irs4, Type-II keratin Kb37, KRT74, K6IRS4, KB37, KRT5C, KRT6IRS4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-KRT74 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

KRT74 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

KRT74 Antibody - N-terminal region - Protein Information**Name** KRT74**Synonyms** K6IRS4, KB37, KRT5C, KRT6IRS4**Function**

Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (Probable).

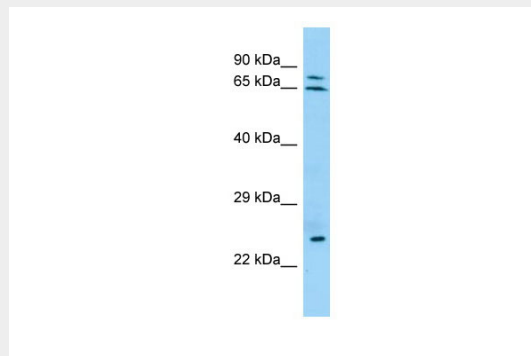
Tissue Location

Highly expressed in hair follicles from scalp. In hair, it is specifically present in the inner root sheath (IRS) of the hair follicle. Present in the IRS Huxley layer, but not in Henle layer or cuticle of the IRS. In the IRS Huxley layer, it is expressed in specialized Huxley cells, termed 'Fluegelzellen, along the area of differentiated Henle cells (at protein level)

KRT74 Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KRT74 Antibody - N-terminal region - Images

WB Suggested Anti-KRT74 Antibody Titration: 1.0 µg/ml
Positive Control: Jurkat Whole Cell

KRT74 Antibody - N-terminal region - References

Langbein L., et al. J. Invest. Dermatol. 120:512-522(2003).
Scherer S.E., et al. Nature 440:346-351(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Hesse M., et al. J. Cell Sci. 114:2569-2575(2001).
Langbein L., et al. J. Invest. Dermatol. 126:2377-2386(2006).