

KRT25 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15508**Specification**

KRT25 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q7Z3Z0
Other Accession	NM_181534 , NP_853512
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa kDa

KRT25 Antibody - C-terminal region - Additional Information**Gene ID** 147183**Alias Symbol** KRT25A**Other Names**

Keratin, type I cytoskeletal 25, Cytokeratin-25, CK-25, Keratin-25, K25, Keratin-25A, K25A, Type I inner root sheath-specific keratin-K25irs1, KRT25 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=30839)
HGNC:30839

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-KRT25 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

KRT25 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

KRT25 Antibody - C-terminal region - Protein Information**Name** KRT25 ([HGNC:30839](#))**Function**

Essential for the proper assembly of type I and type II keratin protein complexes and formation of keratin intermediate filaments in the inner root sheath (irs) (By similarity). Plays a role in the cytoskeleton organization (PubMed: <http://www.uniprot.org/citations/26902920>).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8VCW2}.

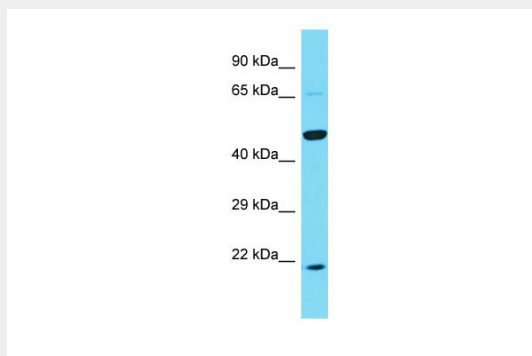
Tissue Location

Strongly expressed in skin and scalp, and weak expression observed in thymus and tongue. In the hair follicle, expressed in Henle layer, Huxley layer and in the inner root sheath cuticle of the hair follicle. Expression extends from the bulb region up to the point of differentiation into the three layers. Also present in the medulla of beard hair (at protein level)

KRT25 Antibody - C-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](#)

KRT25 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: KRT25

Sample Tissue: PANC1 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

KRT25 Antibody - C-terminal region - References

Rogers M.A., et al. Differentiation 72:527-540(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Langbein L., et al. J. Invest. Dermatol. 126:2377-2386(2006).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).