



# Anti-KRT75 polyclonal antibody (CABT-B8377)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	The antibody stains specifically the companion layer (innermost layer of outer root sheath) of the hair follicle. No cross-reaction with keratins K5 and K6, although there is considerable sequence homology.
<b>Target</b>	KRT75
<b>Immunogen</b>	Synthetic peptide corresponding to human type II cytokeratin C-FTTSGGHS LGAGLGGSGFSATSNRGL K6hf (KLH)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Guinea pig
<b>Species Reactivity</b>	Human, Mouse
<b>Purification</b>	Unpurified serum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-F, WB
<b>Size</b>	100 µl
<b>Buffer</b>	contains 0.09% sodium azide and 0.5% BSA
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Long term: -20°C; Short term: 4°C; Avoid freeze-thaw cycles.

## BACKGROUND

**Introduction** KRT75 / Keratin 75 / K6HF is a member of the type II keratin family clustered on the long arm of

chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. This gene is expressed in the companion layer, upper germinative matrix region of the hair follicle, and medulla of the hair shaft. The encoded protein plays an essential role in hair and nail formation.

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<b>Keywords</b>	KRT75;keratin 75;keratin;type II cytoskeletal 75;K6HF;K75;CK-75;hK6hf;keratin-75;cytokeratin-75;type II keratin-18;cytokeratin type II;type II keratin-K6hf;type-II keratin Kb18;keratin-6 hair follicle;PFB;KB18;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">9119</a>
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<b>UniProt ID</b>	<a href="#">O95678</a>
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