

# KRT82 rabbit pAb

Cat No.:ES10726

For research use only

## Overview

|                          |  |
|--------------------------|--|
| Product Name             | KRT82 rabbit pAb   |
| Host species             | Rabbit   |
| Applications             | WB;ELISA   |
| Species Cross-Reactivity | Human;Mouse  |
| Recommended dilutions    | WB 1:500-2000 ELISA 1:5000-20000   |
| Immunogen                | Synthesized peptide derived from part region of human protein  |
| Specificity              | KRT82 Polyclonal Antibody detects endogenous levels of protein.  |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage                  | Store at -20°C . Avoid repeated freeze-thaw cycles.  |
| Protein Name             | Keratin, type II cuticular Hb2 (Keratin-82) (K82) (Type II hair keratin Hb2) (Type-II keratin Kb22)  |
| Gene Name                | KRT82 KRTHB2   |
| Cellular localization    | keratin filament,  |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Clonality                | Polyclonal   |
| Concentration            | 1 mg/ml  |
| Observed band            | 56kD   |
| Human Gene ID            | 3888   |
| Human Swiss-Prot Number  | Q9NSB4   |
| Alternative Names        |  |
| Background               | The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly |





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related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this keratin appears to be a hair cuticle-specific keratin. [provided by RefSeq, Jul 2008],



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