

Product datasheet for **BP5085**

LOC100653049 Guinea Pig Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | <u>Immunoblotting</u> : 1 : 2,000, ECL method. <u>Immunohistochemistry on frozen sections</u> : 1/200; 1h at RT. NOTE: For enhancement of cortex staining preincubate fixed sections with 0.1 Triton X-100 (in PBS) for 1 - 5 min prior to first antibody incubation step. |
| Reactivity: | Human, Mouse |
| Host: | Guinea Pig |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide of human acidic hair (trichocytic) keratin K34 (formerly also designated keratin hHa4; GPC GTS QKG CCN), coupled to KLH. |
| Specificity: | The antiserum stains specifically human hair keratin K34 expressed in the upper hair cortex cells. Reacts with human and mouse. |
| Formulation: | State: Serum State: Liquid serum contains 0.09% sodium azide |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C. DO NOT FREEZE! |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | keratin, type I cuticular Ha4 |
| Database Link: | <u>Entrez Gene 100653049 Human O76011</u> |
| Background: | KRT34 is a type I hair keratin. Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins are acidic proteins and are usually found as a heterotetramer with two molecules of a type II keratin. |
| Synonyms: | KRT-34, Keratin, type I cuticular Ha4, HHA4, HKA4, KRTHA4, Hair keratin, type I Ha4, Keratin34 |



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