

BP5087**Polyclonal Antibody to Keratin-36 (KRT36) - Serum****Alternate names:**

HHA6, HKA6, Hair keratin, K36, KRT36, KRTHA6, Keratin, Keratin 36, Keratin-36, Keratin36, type I Ha6, type I cuticular Ha6

Quantity:

0.1 ml

Background:

KRT36 is a member of the keratin gene family. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.

Uniprot ID:

[076013](#)

NCBI:

[NP_003762.1](#)

GenelD:

[8689](#)

Host:

Guinea Pig

Immunogen:

KLH conjugated synthetic peptide of Human acidic hair (trichocytic) keratin K36 (formerly also designated keratin hHa6)

AA Sequence:

APQ VGT QIR TIT EEI C

Format:

State: Stabilized antiserum containing 0.09% Sodium Azide

Applications:

Immunoblotting: 1/2000 for Western Blot (ECL method).

Immunohistochemistry on Frozen Sections: 1/200 for 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.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Specific for Acidic Hair Keratin K36 (hHa6).

The antiserum stains specifically Human hair keratin K36 expressed starting from the middle region of cortex.

Species: Human.

Other species not tested.

Storage:

Store the antibody undiluted at 2-8°C.

Shelf life: one year from despatch.

General Readings:

1. Langbein L, Rogers M, Winter H, Prätzel S, Beckhaus U, Rackwitz HR, Schweizer J: The catalog of human hair keratins: I. Expression of nine type I members in the hair follicle. J Biol Chem 274, 19874-19893 (1999)

2. Langbein L, Spring H, Rogers MA, Praetzel S, Schweizer J. Hair keratins and hair follicle-specific epithelial keratins. Methods Cell Biol. 2004;78:413-51. PubMed PMID: 15646627.