

KRT80

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:20 - 1:200

Calculated MW: 51kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human KRT80

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

KB20;

Catalog #: A5165

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 144501

Isotype: IgG

Swiss Prot: Q6KB66

Purity: Affinity purification

For research use only.

Background:

Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene's expression profile shows that it encodes a type II epithelial keratin, although structurally the encoded protein is more like a type II hair keratin. This protein is involved in cell differentiation, localizing near desmosomal plaques in earlier stages of differentiation but then dispersing throughout the cytoplasm in terminally differentiating cells. The type II keratins are clustered in a region of chromosome 12q13. Two transcript variants encoding two different fully functional isoforms have been found for this gene.

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