

## Rabbit KRT10 Polyclonal Antibody | anti-KRT10 antibody

KRT10 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                      | APPLICATIONS |
|-----------|--------|-------------------------------------------------|--------------|
| AAA198975 | Rabbit | Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat | Western Blot |

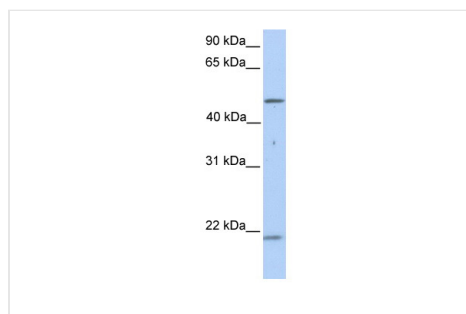
### PRODUCT SYNONYMS

KRT10; Polyclonal Antibody; KRT10 antibody - N-terminal region; anti-KRT10 antibody

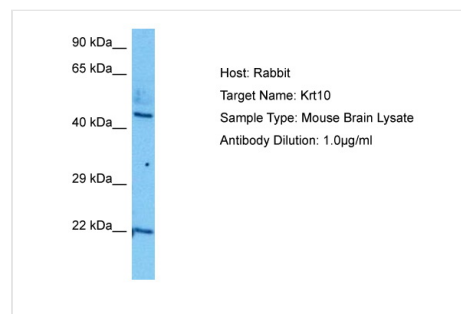
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following sequence: EKVTMQNLNDRLASYLDKVRAL EESNYELEGK<br>IKEWYEKHGN SHQGEPRD                                               |
| Sequence Length                                 | 584                                                                                                                                                   |
| Applicable Applications for anti-KRT10 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 86%; Rabbit: 100%; Rat: 100%                                                         |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the N terminal region of human KRT10                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-KRT10 Antibody Titration: 0.2-1 ug/ml Positive Control: 721\_B cell lysate


**WB (Western Blot)**

Host: Mouse Target Name: KRT10 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KRT10 antibody | <p>This is a rabbit polyclonal antibody against KRT10. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: KRT10 is a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in the gene encoding KRT10 are associated with epidermolytic hyperkeratosis. This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-KRT10 antibody   | Polyclonal; Disease Related; Tissue Specific & Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 195972866                       |
| NCBI GeneID                      | 3858                            |
| NCBI Accession #                 | NP_000412                       |
| NCBI GenBank Nucleotide #        | NM_000421                       |
| UniProt Accession #              | P13645                          |
| Molecular Weight                 | 59kDa                           |
| NCBI Official Full Name          | keratin, type I cytoskeletal 10 |
| NCBI Official Synonym Full Names | keratin 10                      |
| NCBI Official Symbol             | KRT10                           |
| NCBI Official Synonym Symbols    | BIE; EHK; K10; KPP; BCIE; CK10  |
| NCBI Protein Information         | keratin, type I cytoskeletal 10 |
| UniProt Protein Name             | Keratin, type I cytoskeletal 10 |
| UniProt Gene Name                | KRT10                           |
| UniProt Synonym Gene Names       | KPP; CK-10; K10                 |
| UniProt Entry Name               | K1C10_HUMAN                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.