10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KRT28 Rabbit pAb

Catalog # AP99391

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q7Z3Y7
Other Accession	Q7Z3Y7
Predicted	Rat, Pig, Human, Mouse, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50567
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KRT28
Epitope Specificity	161-260/464
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the intermediate filament family.
SUBUNIT	Heterotetramer of two type I and two type II keratins.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the type I (acidic) keratin 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. The type I keratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2009]

Additional Information

Gene ID	162605
Other Names	KRT10; K25IRS4; KRT25D; 4733401L19Rik; CK-28; K25D; K28; K1C28_BOVIN; KRT28; Cytokeratin-28 (CK-28); Keratin-28 (K28); Type I inner root sheath-specific keratin-K25irs4; K1C28_HUMAN; Keratin-25D (K25D); K1C28_MOUSE; keratin 28; keratin 25D; keratin 28, type I
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KRT28 (HGNC:30842)
Function	Essential for the proper assembly of types I and II keratin protein complexes and the formation of keratin intermediate filaments in the inner root sheath (irs).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:A6BLY7}.
Tissue Location	Strongly expressed in skin and scalp, and weak expression observed in thymus. In the hair follicle, expressed in Henle layer, Huxley layer and in the irs cuticle. Expression extends from the bulb region up to the point of differentiation into the three layers Also present in the medulla of beard hair (at protein level)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.