

Kazrin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59356

Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession <u>Q674X7</u>

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 86351
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human Kazrin

Epitope Specificity 451-550/775

Isotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm

SIMILARITY Belongs to the kazrin family.Contains 3 SAM (sterile alpha motif) domains

SUBUNIT Isoform 2, isoform 3 and isoform 4 interact with PPLN-terminus.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Background Descriptions Component of the cornified envelope of keratinocytes. May be involved in the

interplay between adherens junctions and desmosomes. The function in the

nucleus is not known.

Additional Information

Gene ID 23254

Other Names Kazrin, KAZN (<u>HGNC:29173</u>)

Target/Specificity Isoform 2, isoform 3 and isoform 4 are expressed in several cell lines

including keratinocytes and bladder and epidermoid carcinoma (at protein level). Isoform 2, isoform 3 and isoform 4 are expressed in hair follicle and

interfollicular epidermis (at protein level).

Dilution WB=1:500-2000,IHC-P=1:100-500,IFC-F=1:100-500,IF=1:50-200,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 KAZN (HGNC:29173)

Function Component of the cornified envelope of keratinocytes. May be involved in

the interplay between adherens junctions and desmosomes. The function in

the nucleus is not known.

Cellular Location Cytoplasm, cytoskeleton. [Isoform 3]: Cytoplasm. Cell junction, desmosome.

Nucleus. Note=Observed at the apical plasma membrane of keratinocytes Partially colocalizes with PPL and DP at desmosomes, and with PP at the interdesmosomal plasma membrane. Colocalizes with cortical actin-based

membrane structures

Tissue Location Isoform 2, isoform 3 and isoform 4 are expressed in several cell lines

including keratinocytes and bladder and epidermoid carcinoma (at protein level). Isoform 2, isoform 3 and isoform 4 are expressed in hair follicle and

interfollicular epidermis (at protein level).

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