

Rabbit anti-Human, Mouse KRT222 Polyclonal Antibody | anti-KRT222 antibody

KRT222 Polyclonal Antibody

CATALOG # AAA175115	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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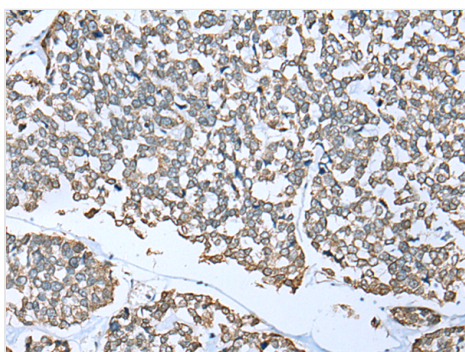
PRODUCT SYNONYMS

KRT222; Polyclonal Antibody; KRT222 Polyclonal Antibody; KA21; Keratin 222; Keratin 222 pseudogene; Keratin like protein KRT222; KRT222P; MGC45562; Truncated type I keratin KA21; anti-KRT222 antibody

PRODUCT SPECIFICATIONS

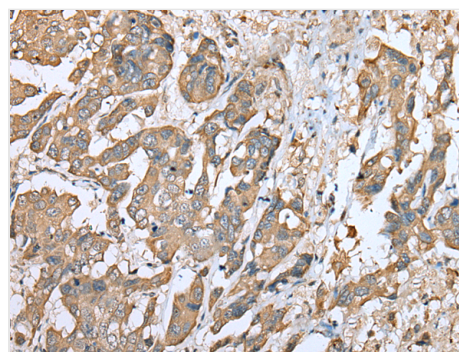
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1mg/mL (varies by lot)
Sequence Length	295
Applicable Applications for anti-KRT222 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using KRT222 Polyclonal Antibody at dilution of 1:25(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using KRT222 Polyclonal Antibody at dilution of 1:25(×200

ADDITIONAL INFORMATION

Related Product Information for anti-KRT222 antibody	KRT222, also known as KRT222P. KRT222 is a 295 amino acid protein belonging to the intermediate filament family. The gene encoding KRT222P has been listed as a pseudogene, however it has not been established that the protein is not translated, and is therefore treated as a protein coding gene. Existing as two alternatively spliced isoforms, the gene encoding KRT222P maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1, 200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.
Product Categories/Family for anti-KRT222 antibody	Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	22748757
NCBI GeneID	125113
NCBI Accession #	NP_689562.1; BC032815
NCBI GenBank Nucleotide #	NP_689562.1
UniProt Accession #	Q8N1A0
NCBI Official Full Name	keratin-like protein KRT222
NCBI Official Synonym Full Names	keratin 222
NCBI Official Symbol	KRT222
NCBI Official Synonym Symbols	KA21; KRT222P
NCBI Protein Information	keratin-like protein KRT222
UniProt Protein Name	Keratin-like protein KRT222
UniProt Gene Name	KRT222
UniProt Synonym Gene Names	KA21; KRT222P
UniProt Entry Name	KT222_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/krt222-antibody-immunohistochemistry-elisa/175115>