

Rabbit DEFA4 Polyclonal Antibody | anti-DEFA4 antibody

DEFA4 Polyclonal Antibody

CATALOG # AAA169979	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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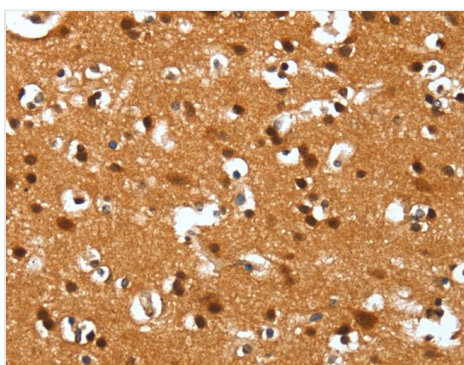
PRODUCT SYNONYMS

DEFA4; Polyclonal Antibody; DEFA4 Polyclonal Antibody; HP4; DEF4; HP-4; HNP-4; anti-DEFA4 antibody

PRODUCT SPECIFICATIONS

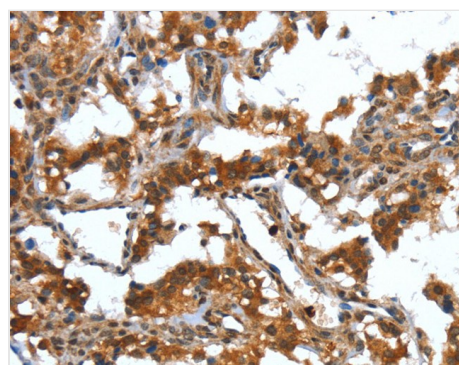
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	97
Applicable Applications for anti-DEFA4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human DEFA4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using DEFA4 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DEFA4 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-DEFA4 antibody	Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes are clustered on chromosome 8. This gene differs from other genes of this family by an extra 83-base segment that is apparently the result of a recent duplication within the coding region. The protein encoded by this gene, defensin, alpha 4, is found in the neutrophils; it exhibits corticostatic activity and inhibits corticotropin stimulated corticosterone production.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85566765
NCBI GeneID	1669
Molecular Weight	10,504 Da
NCBI Official Full Name	Defensin, alpha 4, corticostatin
NCBI Official Synonym Full Names	defensin, alpha 4, corticostatin
NCBI Official Symbol	DEFA4
NCBI Official Synonym Symbols	HP4; DEF4; HP-4; HNP-4
NCBI Protein Information	neutrophil defensin 4; corticostatin; defensin, alpha 4, preproprotein
UniProt Protein Name	Neutrophil defensin 4
UniProt Gene Name	DEFA4
UniProt Synonym Gene Names	DEF4; HP-4
UniProt Entry Name	DEF4_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.