

DEFA4 Antibody

Catalog No: #37526

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

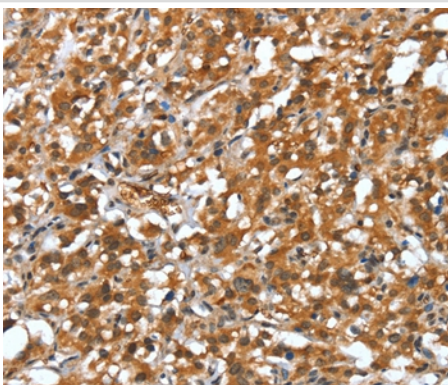
Description

Product Name	DEFA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DEFA4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human defensin, alpha 4, corticostatin
Target Name	DEFA4
Other Names	HP4; DEF4; HP-4; HNP-4
Accession No.	Swiss-Prot#: P12838NCBI Gene ID: 1669Gene Accssion: NP_001916
Uniprot	P12838
GeneID	1669;
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

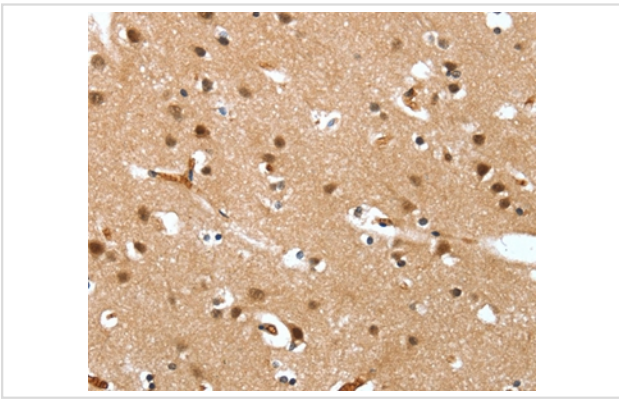
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37526 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37526 at dilution 1/20.

Background

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.

Note: This product is for in vitro research use only