AMZ2 Antibody

Catalog No: #36126

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

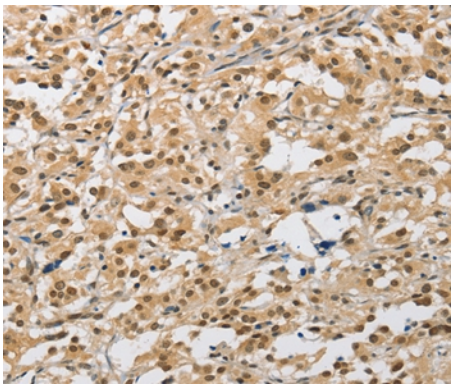
Description

Product Name	AMZ2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AMZ2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human archaelysin family metallopeptidase 2
Target Name	AMZ2
Other Names	Archaemetzincin-2;archaemetzincins-2
Accession No.	Swiss-Prot#: Q86W34NCBI Gene ID: 51321Gene Accssion: BC050709
Uniprot	Q86W34
GeneID	51321;
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

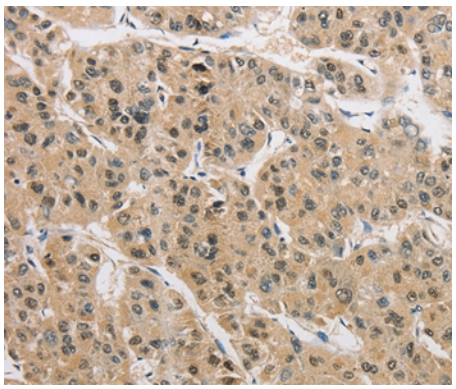
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36126 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36126 at dilution 1/40.

Background

AMZ2 (archaelysin family metallopeptidase 2), also known as archaemetzincin-2 or archeobacterial metalloproteinase-like protein 2, is a 360 amino acid protein belonging to the peptidase M54 family. Encoded by a gene that maps to human chromosome 17q24.2, AMZ2 is predominantly expressed in heart and testis. AMZ2 is also expressed in kidney, liver, pancreas, lung, brain and placenta, and in fetal tissues such as kidney, liver, lung and brain. AMZ2 participates in metal ion binding and functions as a zinc metalloprotease. AMZ2 is inhibited by both general metalloprotease inhibitors o-phenanthroline and batimastat. Exhibiting aminopeptidase activity, AMZ2 acts against Angiotensin in vitro, but does not hydrolyze either Neurogranin or Angiotensin.?

Note: This product is for in vitro research use only