

CALML5 Antibody

Catalog No: #46392

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

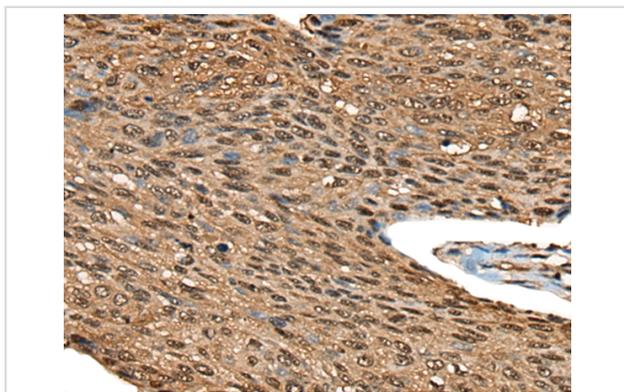
Description

Product Name	CALML5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CALML5 protein.
Immunogen Type	peptide
Immunogen Description	Full length fusion protein of human CALML5
Target Name	CALML5
Other Names	CLSP
Accession No.	Swiss-Prot:Q9NZT1NCBI Gene ID:51806NCBI Protein:BC039172
Uniprot	Q9NZT1
GeneID	51806;
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

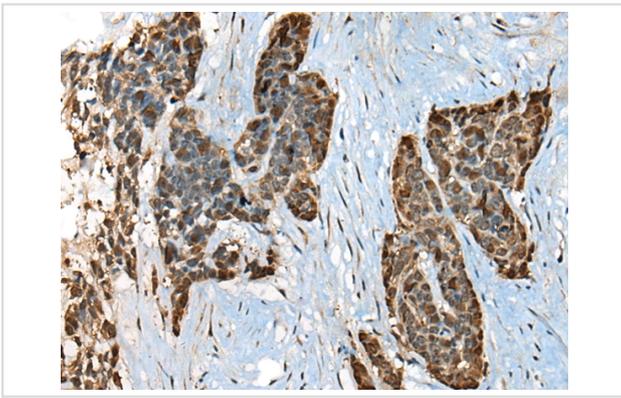
Application Details

Immunohistochemistry: 1: 50-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46392(CALML5 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46392(CALML5 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: x200)

Background

This gene encodes a novel calcium binding protein expressed in the epidermis and related to the calmodulin family of calcium binding proteins. Functional studies with recombinant protein demonstrate it does bind calcium and undergoes a conformational change when it does so. Abundant expression is detected only in reconstructed epidermis and is restricted to differentiating keratinocytes. In addition, it can associate with transglutaminase 3, shown to be a key enzyme in the terminal differentiation of keratinocytes.?

Note: This product is for in vitro research use only