

CEMIP Antibody

Catalog No: #47693

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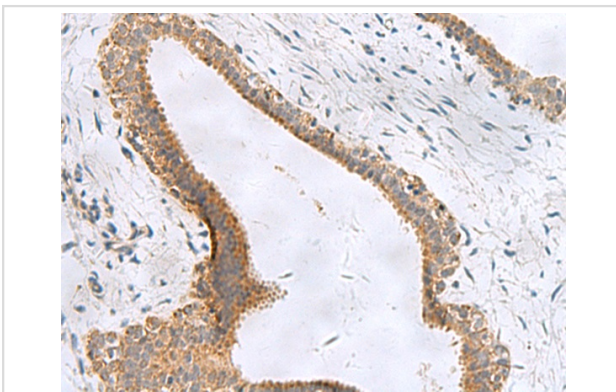
Description

Product Name	CEMIP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total CEMIP protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human CEMIP
Target Name	CEMIP
Other Names	CCSP1; HYBID; TMEM2L; KIAA1199
Accession No.	Swiss-Prot#:Q8WUJ3NCBI Gene ID:57214Gene Accssion:NP_061159
Concentration	1.7
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

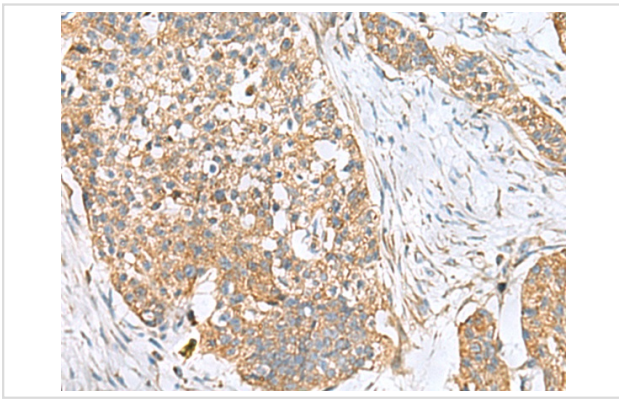
Application Details

IHC dilution:1: 100-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using #47693 at dilution 1/120, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using #47693 at dilution 1/120, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Background

Mediates depolymerization of hyaluronic acid (HA) via the cell membrane-associated clathrin-coated pit endocytic pathway. Binds to hyaluronic acid. Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product, a process that may occur through rapid vesicle endocytosis and recycling without intracytoplasmic accumulation or digestion in lysosomes. Involved in hyaluronan catabolism in the dermis of the skin and arthritic synovium. Positively regulates epithelial-mesenchymal transition (EMT), and hence tumor cell growth, invasion and cancer dissemination. In collaboration with HSPA5/BIP, promotes cancer cell migration in a calcium and PKC-dependent manner. May be involved in hearing.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.