

Anti-CHMP4B Polyclonal Antibody

Cat: K108816P

Summary:

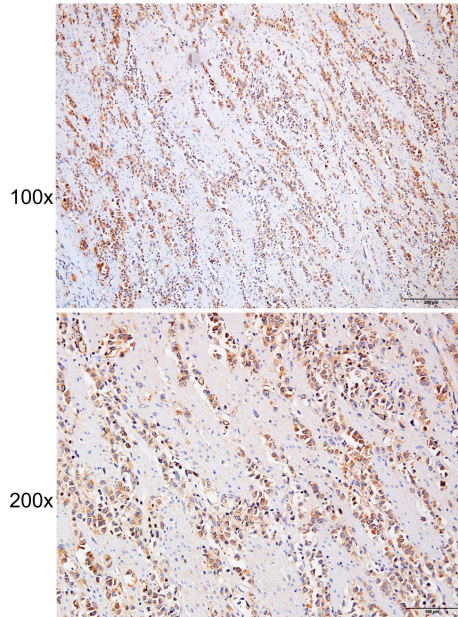
【Product name】 : Anti-CHMP4B antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : Q9H444	【Gene ID】 : 128866
【Calculated】 : MW:25kDa	
【Purification】 : Affinity purification	
【Tested applications】 : IHC	
【Recommended dilution】 : IHC 1:25-100.	
【IHC Positive sample】 : Human stomach cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human CHMP4B	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

Background:

This gene encodes a member of the chromatin-modifying protein/charged multivesicular body protein (CHMP) protein family. The protein is part of the endosomal sorting complex required for transport (ESCRT) complex III (ESCRT-III), which functions in the sorting of endocytosed cell-surface receptors into multivesicular endosomes. The ESCRT machinery also functions in the final abscission stage of cytokinesis and in the budding of enveloped viruses such as HIV-1. The three proteins of the CHMP4 subfamily interact with programmed cell death 6 interacting protein (PDCD6IP, also known as ALIX), which also functions in the ESCRT pathway. The CHMP4 proteins assemble into membrane-attached 5-nm filaments that form circular scaffolds and promote or stabilize outward budding. These polymers are proposed to help generate the luminal vesicles of multivesicular bodies. Mutations in this gene result in autosomal dominant posterior polar cataracts.

Verified picture

Stomach cancer (hu)



Immunohistochemistry of paraffin-embedded
Human stomach cancer with CHMP4B
antibody diluted at 1:40