

Anti-MUC1 Polyclonal Antibody

Cat: AC50662

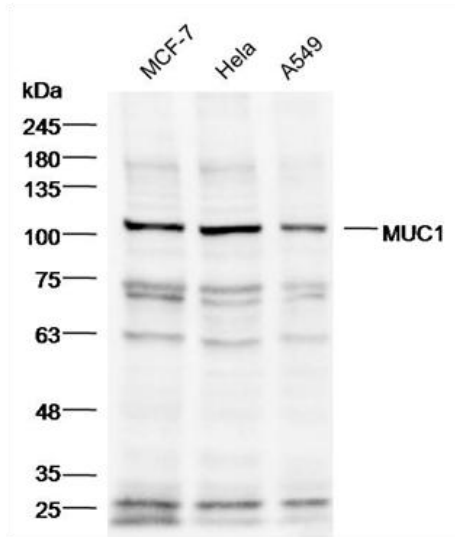
Summary:

- 【Product name】** : Anti-MUC1 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human, Mouse
【Swiss Prot】 : P15941 **【Gene ID】** : 4582
【Calculated】 : MW: 122kDa **【Observed】** : MW: 110kDa
【Purification】 : Affinity purification
【Tested applications】 : WB
【Recommended dilution】 : WB 1:1000-3000.
【WB Positive sample】 : MCF-7,A549,Hela
【Subcellular location】 : Plasma membrane Nucleus.
【Immunogen】 : Recombinant protein of human MUC1.
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

This gene encodes a membrane-bound protein that is a member of the mucin family. Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces. These proteins also play a role in intracellular signaling. This protein is expressed on the apical surface of epithelial cells that line the mucosal surfaces of many different tissues including lung, breast stomach and pancreas. This protein is proteolytically cleaved into alpha and beta subunits that form a heterodimeric complex. The N-terminal alpha subunit functions in cell-adhesion and the C-terminal beta subunit is involved in cell signaling. Overexpression, aberrant intracellular localization, and changes in glycosylation of this protein have been associated with carcinomas. This gene is known to contain a highly polymorphic variable number tandem repeats (VNTR) domain. Alternate splicing results in multiple transcript variants.

Verified picture



Western blot analysis with MUC1 antibody
diluted at 1:1000