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MUC1 (YD11656) Rabbit mAb

货号: AYD14130

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	122kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,OVCAR3,BxPC-3,Mouse lung,Rat lung
细胞定位	Apical cell membrane, Secreted, Cell membrane, Cytoplasm, Nucleus
纯化	亲和纯化

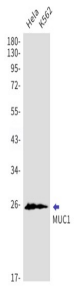
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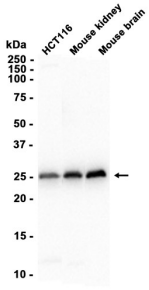
靶点信息

研究背景	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.
基因ID	4582
基因名	MUC1
Swiss	P15941 (https://www.uniprot.org/uniprotkb/P15941/entry)
别名	MUC1 (YD11656),MUC1 (YD11656) Rabbit mAb,MUC1,Breast carcinoma-associated antigen DF3,Cancer antigen 15-3,Carcinoma-associated mucin,Episialin,H23AG,Krebs von den Lungen-6,PEMT,Peanut-reactive urinary mucin,Polymorphic epithelial mucin

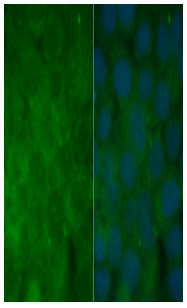
产品验证



Western blot analysis of extracts from HeLa, K562 cells using AYD14130 at 1:1000.



Western blot analysis of extracts from HCT116 cells and Mouse kidney, Mouse brain tissues using AYD14130 at 1:1000..



Immunofluorescence analysis of A431 cells labelling MUC1 with The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with MUC1 (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 Nuclear DNA was labeled in blue with DAPI.

实验步骤

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