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**Product Name: CTNNA1 Mouse Monoclonal Antibody****Catalog #: AMM81700**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	100kDa

**Antigen Information**

<b>Gene Name</b>	CTNNA1
<b>Alternative Names</b>	CAP102
<b>Gene ID</b>	1495.0
<b>SwissProt ID</b>	P35221
<b>Immunogen</b>	Purified recombinant fragment of human CTNNA1 (AA: 371-574) expressed in E. Coli.

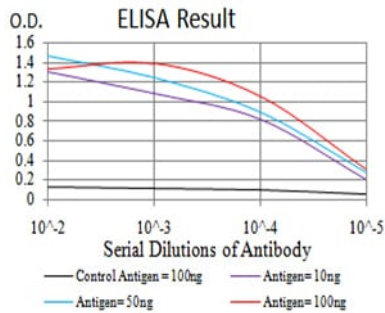
**Background**

CTNNA1 (Catenin (Cadherin-Associated Protein), Alpha 1, 102kDa) is a Protein Coding gene. Diseases associated with CTNNA1 include diffuse gastric cancer and acquired thrombocytopenia. Among its related pathways are Signaling by GPCR and Developmental Biology. GO annotations related to this gene include poly(A) RNA binding and actin filament binding. An

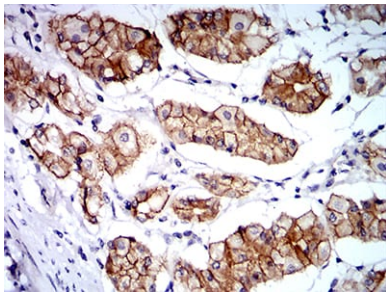
important paralog of this gene is CTNNA3.

## Research Area

## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunohistochemical analysis of paraffin-embedded human stomach tissues using CTNNA1 mouse mAb with DAB staining.