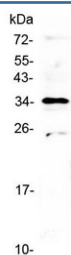


MED4 Antibody (R32972)

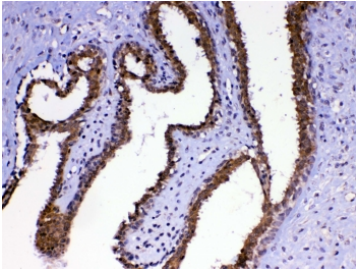
Catalog No.	Formulation	Size
R32972	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

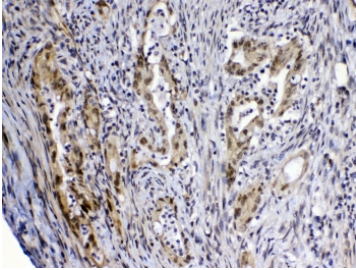
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q9NPJ6
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Direct ELISA (recombinant Human Protein) : 0.1-0.5ug/ml (BSA-free format available)
Limitations	This MED4 antibody is available for research use only.



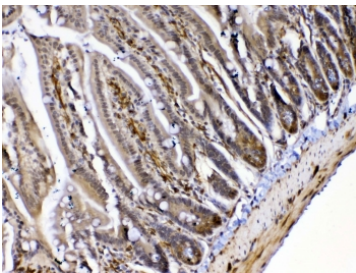
Western blot testing of rat spleen lysate with MED4 antibody at 0.5ug/ml. Predicted molecular weight ~30 kDa, commonly observed at 30-36 kDa.



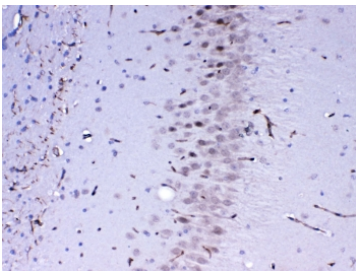
IHC testing of FFPE human breast cancer tissue with MED4 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



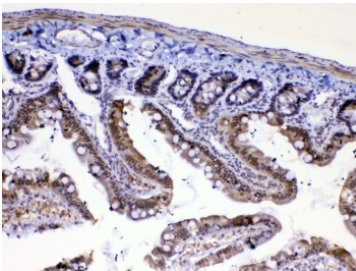
IHC testing of FFPE human rectal cancer tissue with MED4 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



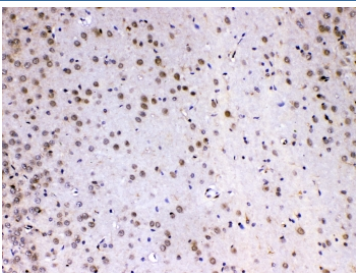
IHC testing of FFPE mouse small intestine tissue with MED4 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE mouse brain tissue with MED4 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE rat small intestine tissue with MED4 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE rat brain tissue with MED4 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Description

Mediator of RNA polymerase II transcription subunit 4, also known as mediator complex subunit 4 (MED4), a component of Mediator or vitamin D3 receptor-interacting protein complex 36 kDa component (DRIP36), is a protein that in humans is encoded by the MED4 gene. The Mediator complex interacts with DNA-binding gene-specific transcription factors to modulate transcription by RNA polymerase II. The MED4 gene was mapped to chromosome 13 based on sequence similarity between the MED4 sequence and a genomic contig.

Application Notes

Optimal dilution of the MED4 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids R27-K140 was used as the immunogen for the MED4 antibody.

Storage

After reconstitution, the MED4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.