Elabscience®

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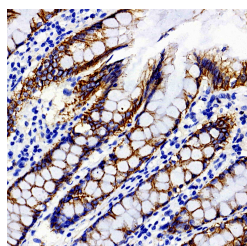## Catenin beta Polyclonal Antibody

Catalog No.	E-AB-70005	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
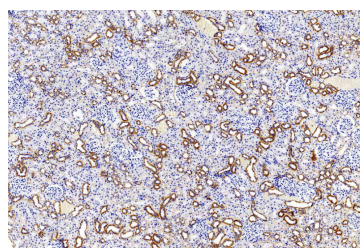
Images
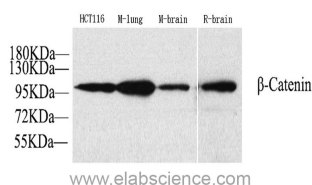
Western Blot analysis of various samples using Catenin beta Polyclonal Antibody at dilution of 1:1000.

Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Catenin beta Polyclonal Antibody at dilution of 1:300.

Immunohistochemistry analysis of paraffin-embedded Mosue kidney using Catenin beta Polyclonal Antibody at dilution of 1:500.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse β-catenin
Swissprot	P35222,Q02248,Q9WU82
Synonyms	CTNNB1, CTNNB, MRD19, armadillo, catenin beta 1

Product Information

Calculated MW	92kDa
Observed MW	92kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:300-1:1000, IF 1:200-1:800

Background

CTNNB1,also known as β-Catenin,is an evolutionarily conserved,multifunctional intracellular protein. CTNNB1 was originally identified in cell adherens junctions (Ajs) where it functions to bridge the cytoplasmic domain of cadherins to a-catenin and the actin cytoskeleton. Besides its essential role in the Ajs,CTNNB1 is also a key downstream component of the canonical Wnt pathway that plays diverse and critical roles in embryonic development and adult tissue homeostasis. Deregulation of CTNNB1 activity is associated with multiple diseases including cancers. .

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.