

Catenin beta Polyclonal Antibody

catalog number: E-AB-70005

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

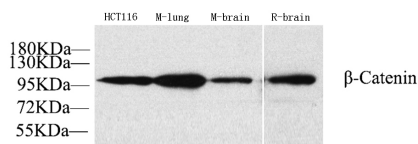
Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse β -catenin
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:300-1:1000
IF	1:200-1:800

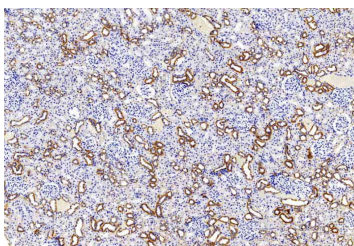
Data



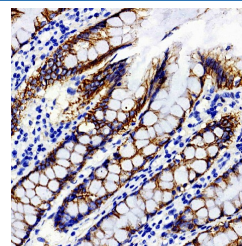
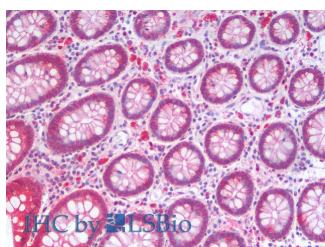
Western Blot analysis of various samples using Catenin beta Polyclonal Antibody at dilution of 1:1000.

Observed-MW:92 kDa

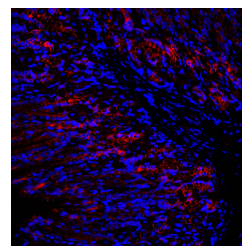
Calculated-MW:92 kDa



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



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



Immunofluorescence analysis of Mouse stomach using Catenin beta Polyclonal Antibody at dilution of 1:300.

For Research Use Only

Immunohistochemistry analysis of paraffin-embedded
Human Colon using Catenin beta Polyclonal
Antibody(Elabscience Product Detected by Lifespan).

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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 α -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.