SPTAN1 Polyclonal Antibody

catalog number: E-AB-40268

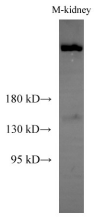
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Rat Spectrin alpha chain, non-erythrocytic 1 protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:100-1:400

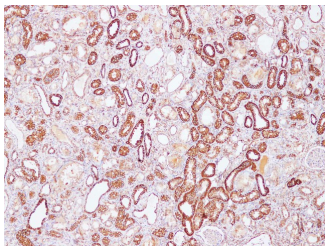
Data



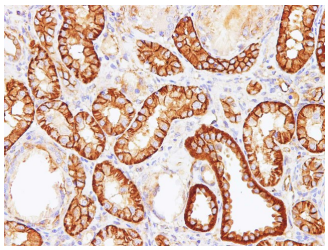
Western Blot analysis of Mouse kidney using Sptan1 Polyclonal Antibody at dilution of 1:1000

Observed-MW:280 kDa

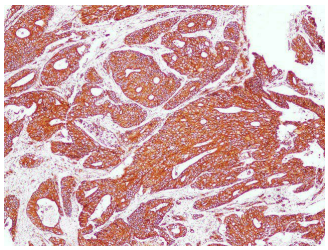
Calculated-MW:285,282 kDa



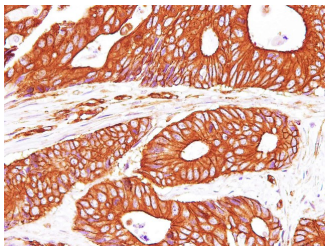
Immunohistochemistry of paraffin-embedded Rat kidney using Sptan1 Polyclonal Antibody at dilution of 1:100(100×)



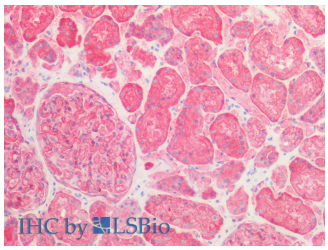
Immunohistochemistry of paraffin-embedded Rat kidney using Sptan1 Polyclonal Antibody at dilution of 1:100(400×)



Immunohistochemistry of paraffin-embedded Human carcinoma of Colon using Sptan1 Polyclonal Antibody at dilution of 1:100（100×）



Immunohistochemistry of paraffin-embedded Human carcinoma of Colon using Sptan1 Polyclonal Antibody at dilution of 1:100（400×）



Immunohistochemistry of paraffin-embedded Human kidney using SPTAN1 Polyclonal Antibody at dilution of 1:100(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

Spectrins are a family of filamentous cytoskeletal proteins that function as essential scaffold proteins that stabilize the plasma membrane and organize intracellular organelles. Spectrins are composed of alpha and beta dimers that associate to form tetramers linked in a head-to-head arrangement. This gene encodes an alpha spectrin that is specifically expressed in nonerythrocytic cells. The encoded protein has been implicated in other cellular functions including DNA repair and cell cycle regulation.

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