

SPTN2 antibody

Catalog No: #62233

Package Size: #62233 100ul

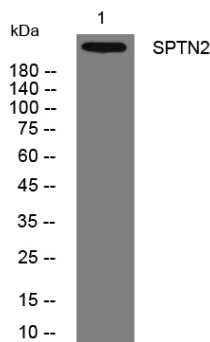
Description

Product Name	SPTN2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB, IHC
Species Reactivity	Human, Rat
Specificity	This antibody detects endogenous levels of SPTN2.
Target Name	SPTN2
Calculated MW	263kD
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

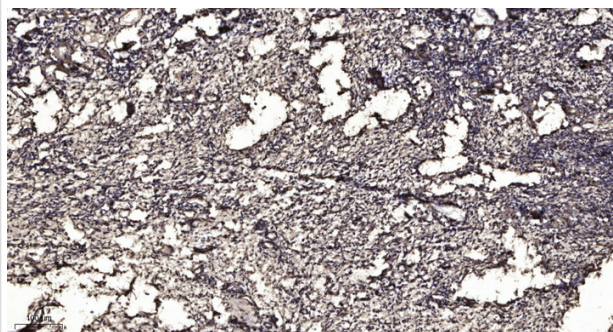
Application Details

WB 1:500-2000; IHC 1:50-300

Images



Western blot analysis of K562 whole cell lysate using SPTN2 antibody at 1:1000.



Immunohistochemical analysis of paraffin-embedded human oophoroma using SPTN2 Antibody at 1:200.

Background

Spectrins are principle components of a cell's membrane-cytoskeleton and are composed of two alpha and two beta spectrin subunits. The protein encoded by this gene (SPTBN2), is called spectrin beta non-erythrocytic 2 or beta-III spectrin. It is related to, but distinct from, the beta-II spectrin gene which is also known as spectrin beta non-erythrocytic 1 (SPTBN1). SPTBN2 regulates the glutamate signaling pathway by stabilizing the glutamate transporter EAAT4 at the surface of the plasma membrane. Mutations in this gene cause a form of spinocerebellar ataxia, SCA5, that is characterized by neurodegeneration, progressive locomotor incoordination, dysarthria, and uncoordinated eye movements. [provided by RefSeq, Dec 2009].

Note: This product is for in vitro research use only and is not intended for use in humans or animals.