



SPXN Polyclonal Antibody

Catalog No	YP-Ab-07329
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	C12orf39
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-50
Specificity	SPXN Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SPXN;C12orf39;Spexin (NPQ)
Observed Band	12kD
Calculated Molecular Weight	12kD
Cell Pathway	Secreted. Secreted, extracellular space. Cytoplasmic vesicle, secretory vesicle. Secreted via the classical ER/Golgi-dependent pathway into the extracellular medium largely as a full-length protein without the signal peptide, and not as a hydrolyzed and amidated peptide (PubMed:19193193 and PubMed:17284679). Localized extracellularly surrounding the villous trophoblastic cells. Detected in the serum.
Tissue Specificity	Expressed in the type I glomic cells within the carotid body (at protein level). Expressed predominantly in pancreas, testis, kidney, brain and placenta. Expressed in submucosal layer of esophagus and stomach fundus.
Function	function:Induces contraction of stomach muscle.,tissue specificity:Expressed in submucosal layer of esophagus and stomach fundus. Expressed in brain, pancreas and kidney.,



Background

The protein encoded by this gene is a hormone involved in modulation of cardiovascular and renal function. It has also been shown in rats to cause weight loss. Several transcript variants have been found for this gene. [provided by RefSeq, Feb 2016],

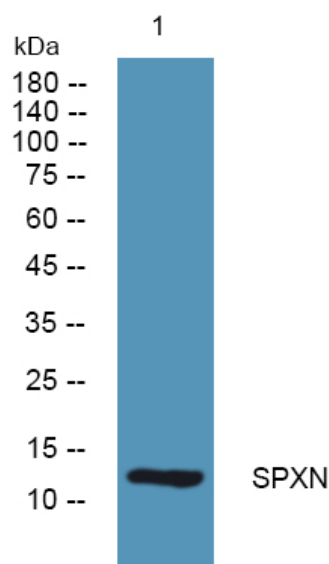
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night