

Anti-SPTBN5 Antibody
Catalog # AP54052**Specification**

Anti-SPTBN5 Antibody - Product Information

Application	WB, IC, IHC
Primary Accession	Q9NRC6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	416750

Anti-SPTBN5 Antibody - Additional Information**Gene ID** 51332**Other Names**

BSPECV; HUBSPECV; HUSPECV; Spectrin beta chain non-erythrocytic 5; Beta-V spectrin

Target/Specificity

Recognizes endogenous levels of SPTBN5 protein.

Dilution

WB~~1/500 - 1/1000

IC~~N/A

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-SPTBN5 Antibody - Protein Information**Name** SPTBN5**Synonyms** BSPECV, HUBSPECV, HUSPECV**Cellular Location**

Cytoplasm, cytoskeleton. Note=Detected prominently in the outer segments of photoreceptor rods and cones and in the basolateral membrane and cytosol of gastric epithelial cells

Tissue Location

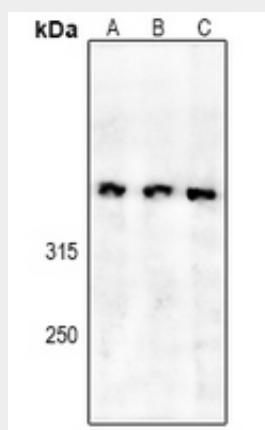
Expressed at very low levels in many tissues, with strongest expression in cerebellum, spinal cord, stomach, pituitary gland, liver, pancreas, salivary gland, kidney, bladder, and heart

Anti-SPTBN5 Antibody - Protocols

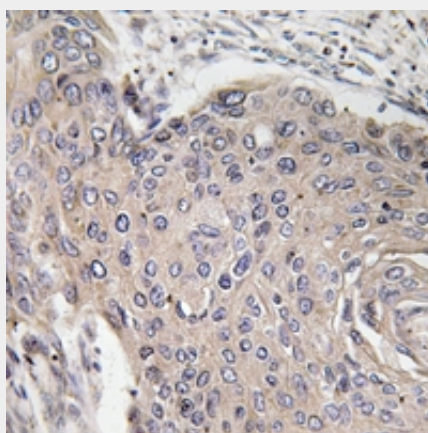
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

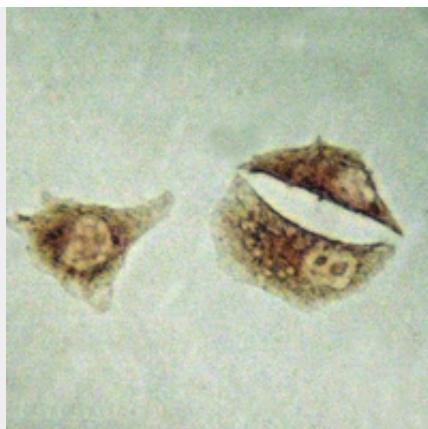
Anti-SPTBN5 Antibody - Images



Western blot analysis of SPTBN5 expression in HEK293T (A), SGC7901 (B), Panc1 (C) whole cell lysates.



Immunohistochemical analysis of SPTBN5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunocytochemistry analysis of SPTBN5 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a HRP-conjugated secondary antibody in PBS at room temperature. DAB was used as the chromogen.

Anti-SPTBN5 Antibody - Background

Rabbit polyclonal antibody to SPTBN5