

Anti-SPTBN5 Antibody

Catalog # AP54052

Product Information

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

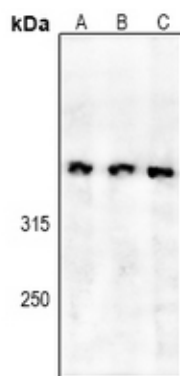
Additional Information

Gene ID	51332
Other Names	BSPECV; HUBSPECV; HUSPECV; Spectrin beta chain non-erythrocytic 5; Beta-V spectrin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SPTBN5. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IC~~IC (1/100 - 1/500)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

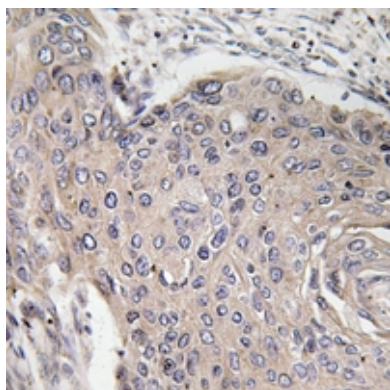
Protein Information

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

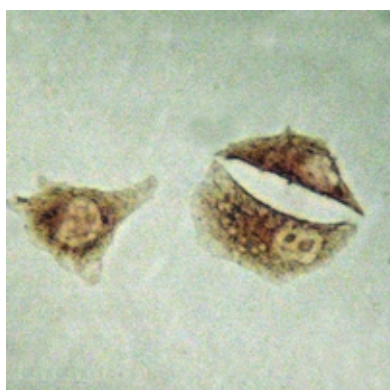
Images



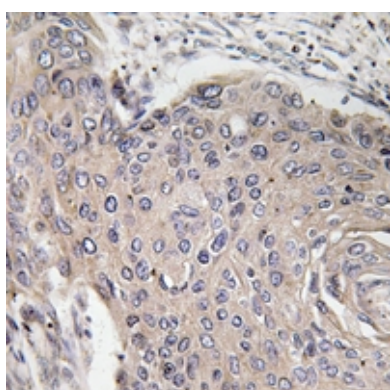
Western blot analysis of SPTBN5 expression in HEK293T (A), SGC7901 (B), Panc1 (C) whole cell lysates. (Predicted band size: 416 kD; Observed band size: 416 kD)



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.

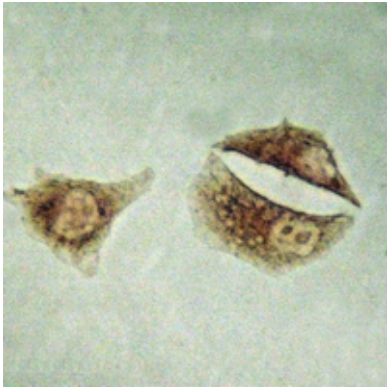


Immunocytochemistry analysis of SPTBN5 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °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.



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