

Product datasheet for **TA324314**

SYVN1 Rabbit Polyclonal Antibody

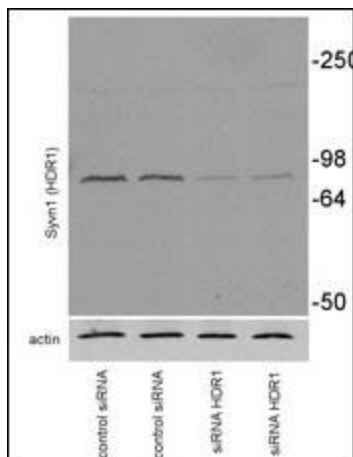
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	IF: 1:200, WB: 1:1000, IHC: 1:50~100
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This SYVN1 (HRD1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 586-617 amino acids from the C-terminal region of human SYVN1 (HRD1).
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67685 Da
Gene Name:	synoviolin 1
Database Link:	NP_115807 Entrez Gene 74126 Mouse Entrez Gene 84447 Human Q86TM6
Synonyms:	DER3; HRD1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Ubiquitin mediated proteolysis

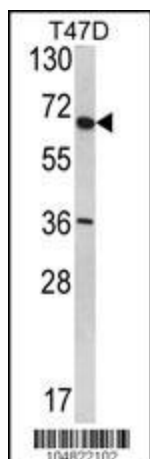


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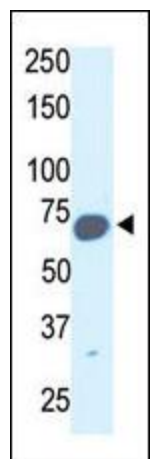
Product images:



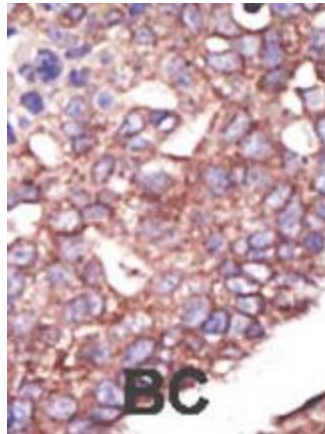
Mouse Neuroblastoma Neuro2A (N2A) was transiently transfected, collected at 72h after transfection. Primary antibodies against syvn1 (Abgent # TA324314, 1:1000) and anti-rabbit secondary POD-conjugated antibodies from Pierce Biotechnology, Inc (Rockford, IL, 1:2000) (Provided by Dr. Susana Granell & Institution University of Arkansas).



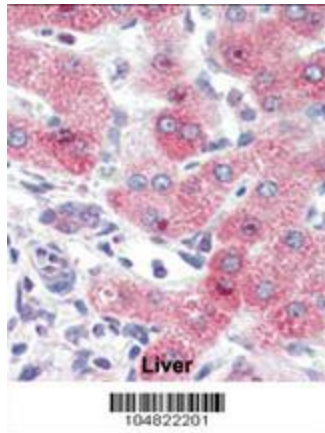
Western blot analysis of SYVN1 (HRD1) Antibody (C-term)



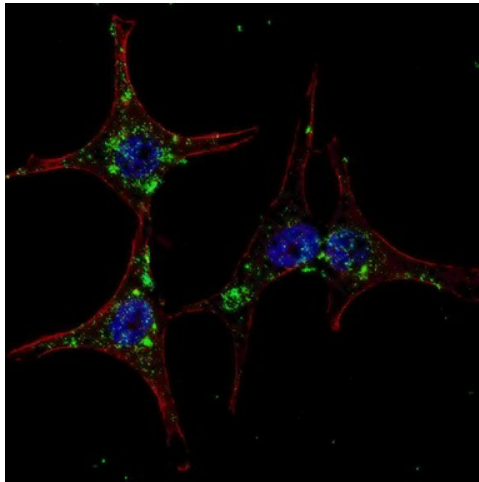
The anti-HRD1 Pab (Cat. #TA324314) is used in Western blot to detect HRD1 in mouse kidney tissue lysate.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



Formalin-fixed and paraffin-embedded human Liver tissue reacted with SYVN1 (HRD1) Antibody (C-term) (Cat.#TA324314), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Fluorescent confocal image of HeLa cells stained with SYVN1 (HRD1) (C-term) antibody. HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with TA324314 SYVN1 (HRD1) (C-term) primary antibody (1:200, 2 h at room temperature). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/ml, 5 min).