

## SYVN1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

**Calculated MW:**68kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SYVN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

1

**Synonym:**

SYVN1; HRD1; KIAA1810; MGC40372; DER3;

**Catalog #:**A2605

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**84447

**Isotype:**IgG

**Swiss Prot:**Q86TM6

**Purity:**Affinity purification

For research use only.

**Background:**

HRD1 is also named as SYVN1 (Synovial apoptosis inhibitor 1), KIAA1810. It acts as an E3 ubiquitin-protein ligase which accepts ubiquitin specifically from endoplasmic reticulum-associated UBC7 E2 ligase and transfers it to substrates, promoting their degradation. Two distinct binding sites mediate Hrd1 dimerization or oligomerization, one located within the transmembrane region and another within the cytosolic domain. (PMID:19864457). Western blot analysis detected abundant HRD1 expression in liver and kidney. Mouse liver and spleen expressed Hrd1 as an 85-kD protein (PMID:12646171). This antibody is specific to HRD1.

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