

HYD Polyclonal Antibody

Catalog NumberPA5-36085

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptide corresponding to amino acids 1-50 of human HYD	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200
Conjugate	Unconjugated	Western Blot (WB)	1:500-1:1,000
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.2, with 50% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody detects endogenous protein at a molecular weight of 309 kDa. Purity is >95% by SDS-PAGE.

Background/Target Information

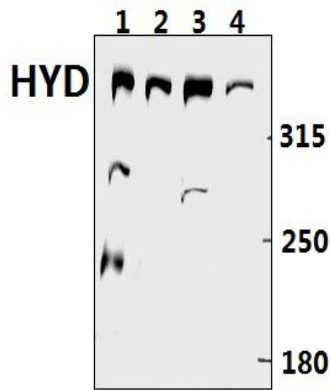
EDD (for E3 identified by Differential Display) is a progestin-regulated gene that was isolated from T-47D human breast cancer cells. Based on sequence homology, EDD appears to be a human homolog of the Drosophila hyperplastic discs (hyd) gene, a tumor suppressor gene that is required for control of imaginal disc growth. EDD contains a HECT domain in the carboxy terminus. HECT domain-containing proteins function as ubiquitin-protein ligases, or E3 enzymes. EDD has been shown to bind to ubiquitin, and like other HECT family proteins, may function as an E3 ubiquitin-protein ligase.

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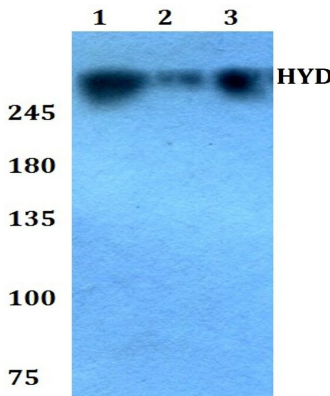
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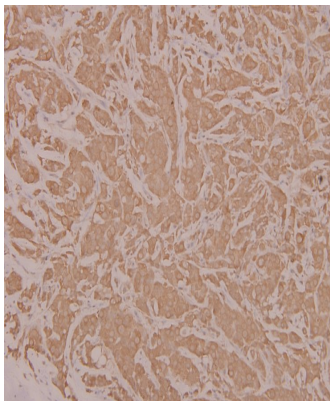
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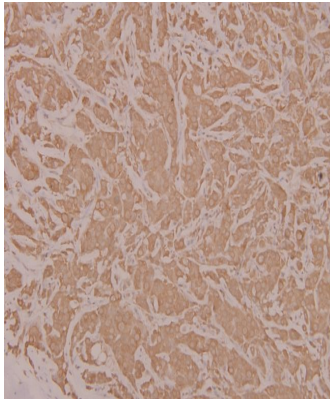
HYD Antibody (PA5-36085) in WB
Western blot analysis of HYD in Lane 1: CT26 whole cell lysate (40 µg), Lane 2: PC12 whole cell lysate (40 µg), Lane 3: HEK293T whole cell lysate (40 µg), Lane 4: HK-2 whole cell lysate (40 µg). Samples were incubated with HYD polyclonal antibody (Product # PA5-36085) at a dilution of 1:500.



HYD Antibody (PA5-36085) in WB
Western blot analysis of HYD using HYD polyclonal antibody (Product # PA5-36085) at a dilution of 1:500. Lane 1: HEK293T whole cell lysate, Lane 2: sp2/0 whole cell lysate, Lane 3: PC12 whole cell lysate.



HYD Antibody (PA5-36085) in IHC (P)
Immunohistochemistry analysis of HYD in paraffin-embedded human breast carcinoma tissue. Samples were incubated with HYD polyclonal antibody (Product # PA5-36085) at a dilution of 1:100.



HYD Antibody (PA5-36085) in IHC (P)
Immunohistochemical analysis of HYD in paraffin-embedded human breast carcinoma using HYD polyclonal antibody (Product # PA5-36085) at a dilution of 1:100.

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