

# Product Data Sheet

## Anti-DENR Antibody

Catalog #	Source	Reactivity	Applications
CQA4246	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to DENR		
<b>Immunogen</b>	Recombinant fusion protein of human DENR. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of DENR protein		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	DENR		
<b>Alternative Names</b>	DRP1; Density-regulated protein; DRP; Protein DRP1; Smooth muscle cell-associated protein 3; SMAP-3		
<b>Entrez Gene</b>	8562 (Human); 68184 (Mouse)		
<b>SwissProt</b>	O43583 (Human); Q9CQJ6 (Mouse)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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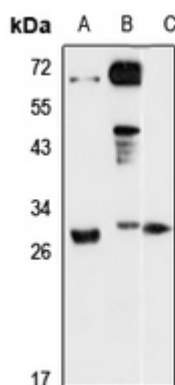
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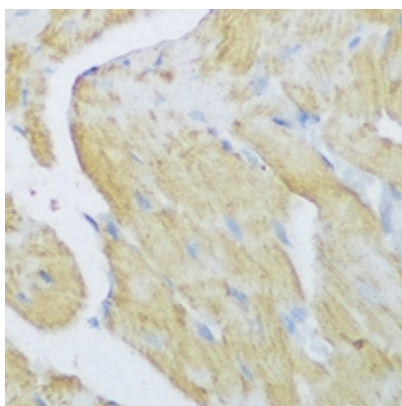
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Western blot analysis of DENR expression in HeLa (A), mouse heart (B), rat lung (C) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 30 kD)



Immunohistochemical analysis of DENR staining in rat heart 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.

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