

## Product datasheet for **TA371315S**

### DECR1 Rabbit Polyclonal Antibody

#### Product data:

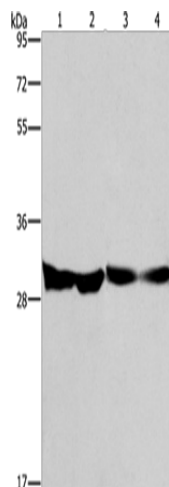
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human endometrial carcinoma and colon cancer tissue, mouse heart tissue and PC3 cells IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DECR1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	36 kDa
Gene Name:	2,4-dienoyl-CoA reductase 1, mitochondrial
Database Link:	<a href="#">Entrez Gene 1666 Human Q16698</a>
Background:	This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters. Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.



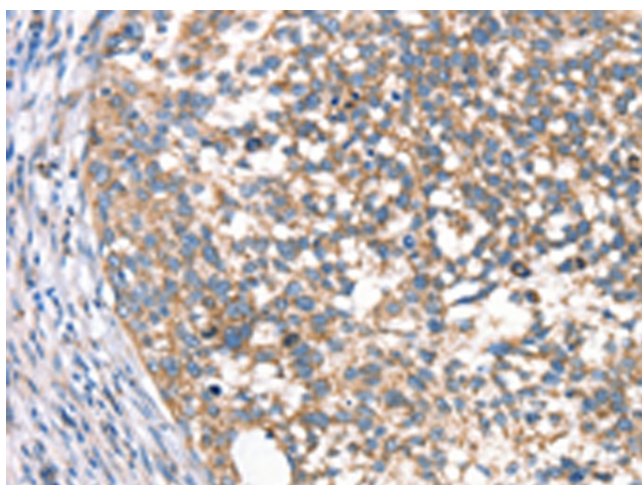
[View online »](#)

Synonyms: DECR; NADPH; SDR18C1

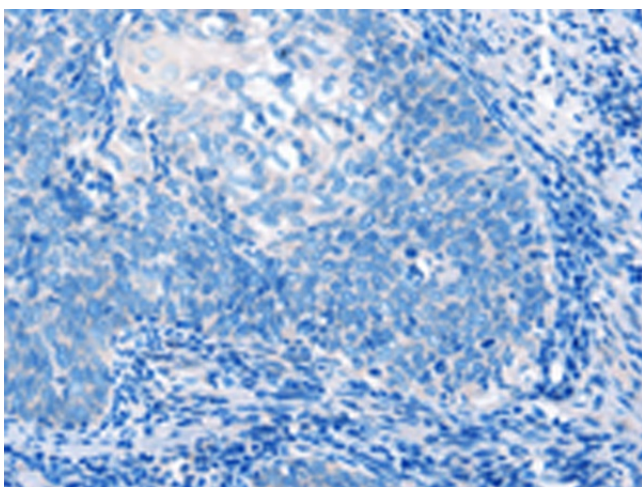
### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-4: Human endometrial carcinoma tissue  
Human colon cancer tissue  
mouse heart tissue  
PC3 cells  
Primary antibody: [TA371315] (DECR1 Antibody)  
at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded  
Human cervical cancer tissue using [TA371315]  
(DECR1 Antibody) at dilution 1/40 (Original  
magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA371315] (DECR1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)