

Product datasheet for **TA351129**

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, human fetal liver tissue and PC3 cells IHC: 50-200 Positive control: Human ovarian 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 ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	2,4-dienoyl-CoA reductase 1, mitochondrial
Database Link:	NP_001350 Entrez Gene 67460 Mouse Entrez Gene 117543 Rat Entrez Gene 1666 Human Q16698



[View online »](#)

Background:

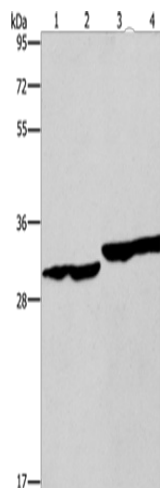
This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters. Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.

Synonyms:

DECR; NADPH; SDR18C1

Protein Families:

Druggable Genome

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 μ g

Lane 1-4: Human endometrial carcinoma tissue

Human colon cancer tissue

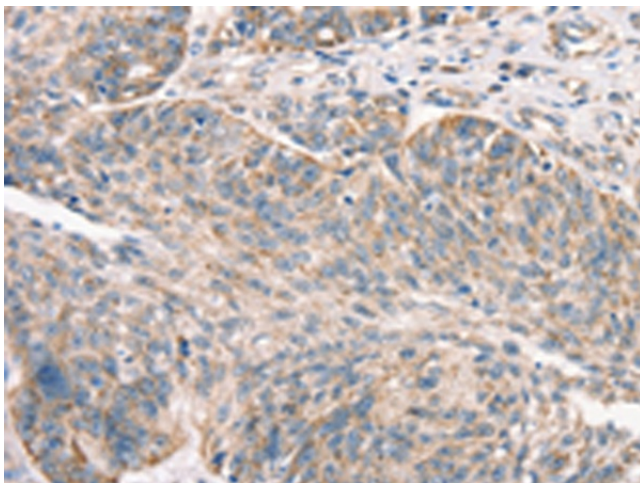
human fetal liver tissue

PC3 cells

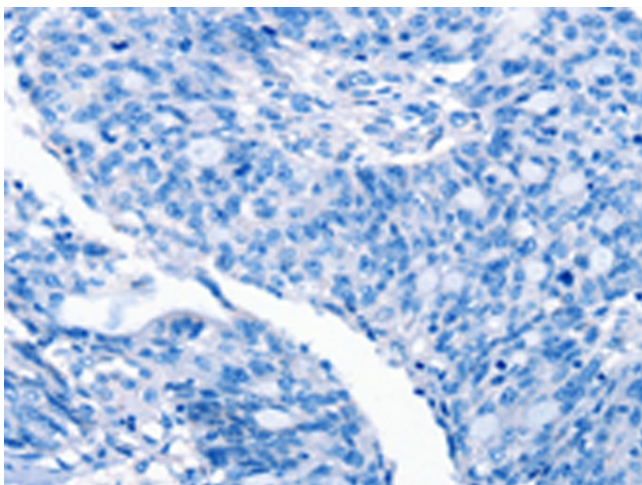
Primary antibody: TA351129 (DECR1 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

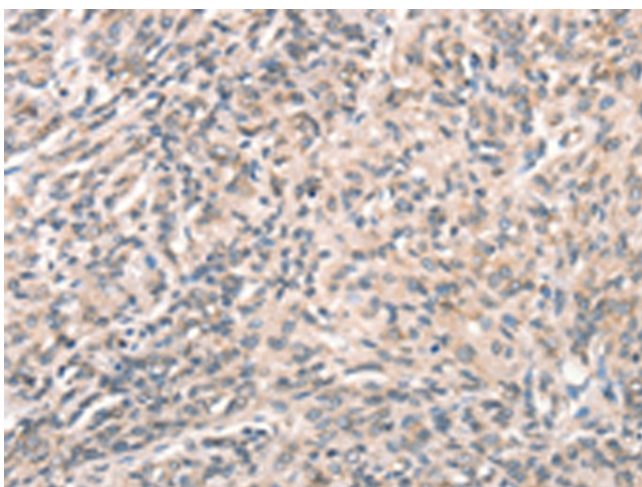
Exposure time: 10 seconds



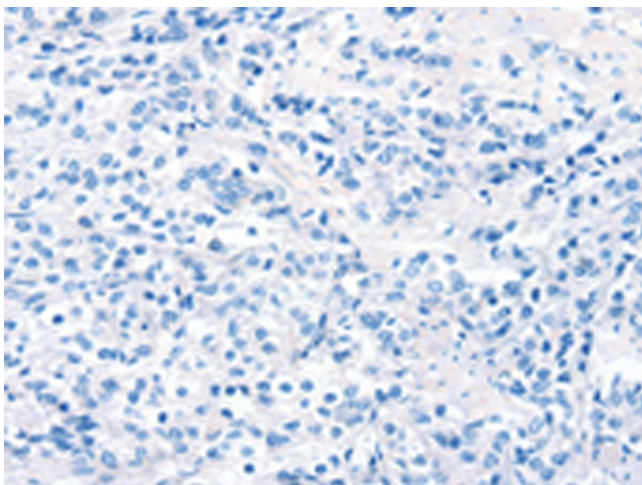
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA351129 (DECR1 Antibody) at dilution 1/50 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA351129 (DEC1 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351129 (DEC1 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351129 (DEC1 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)