

## Product datasheet for **TA365352S**

### DECR2 Rabbit Polyclonal Antibody

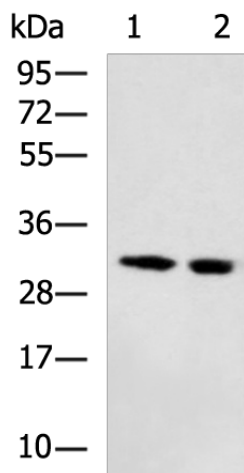
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue, HepG2 cell lysates IHC: 50-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DECR2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	31 kDa
Gene Name:	2,4-dienoyl-CoA reductase 2, peroxisomal
Database Link:	<a href="#">Entrez Gene 26063 Human Q9NUI1</a>
Background:	Auxiliary enzyme of beta-oxidation. Participates in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. Has activity towards short and medium chain 2,4-dienoyl-CoAs, but also towards 2,4,7,10,13,16,19-docosaheptaenoyl-CoA, suggesting that it does not constitute a rate limiting step in the peroxisomal degradation of docosaheptaenoic acid.
Synonyms:	PDCR; SDR17C1

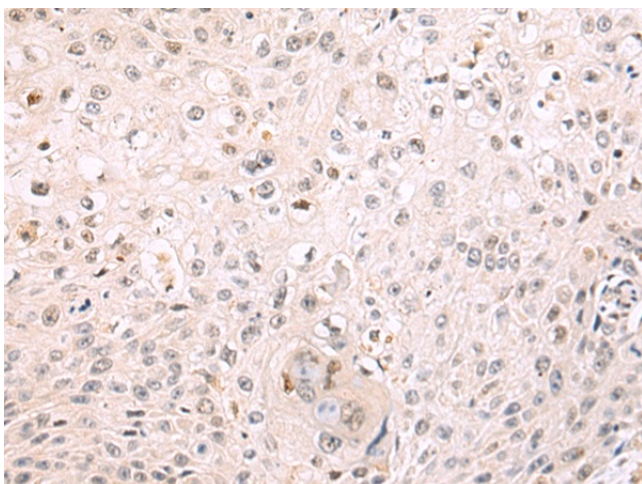


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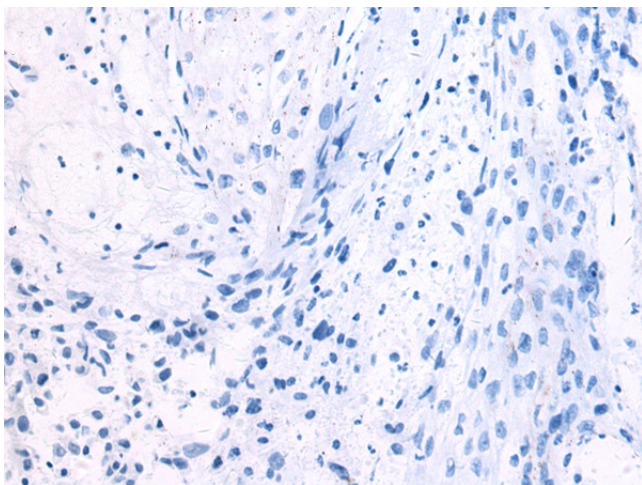
## Product images:



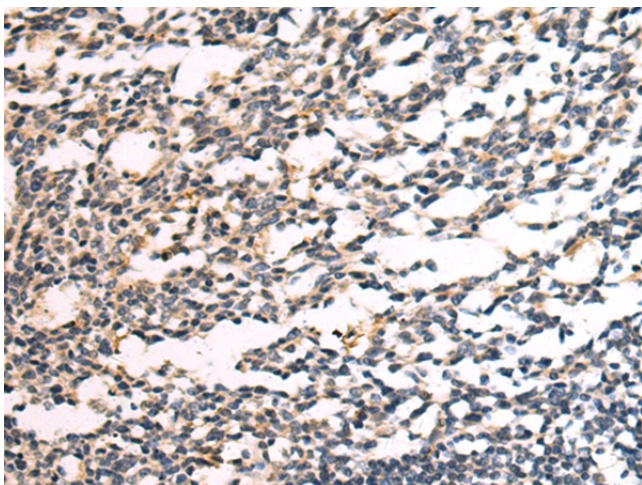
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: Mouse brain tissue  
HepG2 cell lysates  
Primary antibody: [TA365352] (DECR2 Antibody)  
at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at  
1/5000 dilution  
Exposure time: 2 minutes



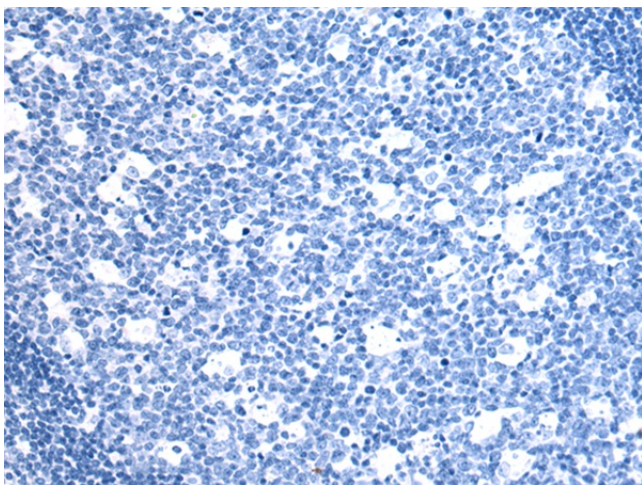
Immunohistochemistry of paraffin-embedded  
Human esophagus cancer tissue using  
[TA365352] (DECR2 Antibody) at dilution 1/80  
(Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA365352] (DECR2 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA365352] (DECR2 Antibody) at dilution 1/80 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA365352] (DECR2 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)