

Product datasheet for **TA321847**

Adiponectin Receptor 1 (ADIPOR1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse thymus tissue IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 1-136 amino acids of human adiponectin receptor 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% 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:	43 kDa
Gene Name:	adiponectin receptor 1
Database Link:	NP_057083 Entrez Gene 72674 Mouse Entrez Gene 51094 Human Q96A54



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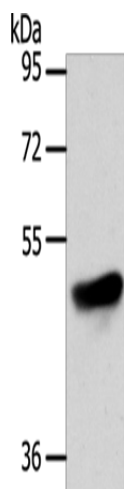
Background: This gene encodes a protein which acts as a receptor for adiponectin; a hormone secreted by adipocytes which regulates fatty acid catabolism and glucose levels. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. A pseudogene of this gene is located on chromosome 14.?

Synonyms: ACDCR1; CGI-45; CGI45; PAQR1; TESBP1A

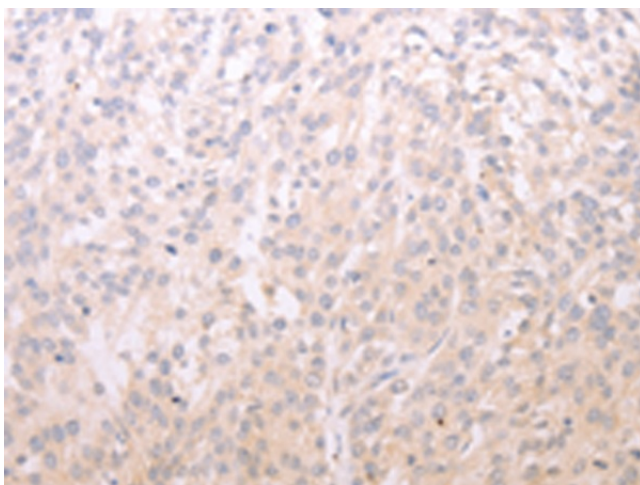
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Adipocytokine signaling pathway

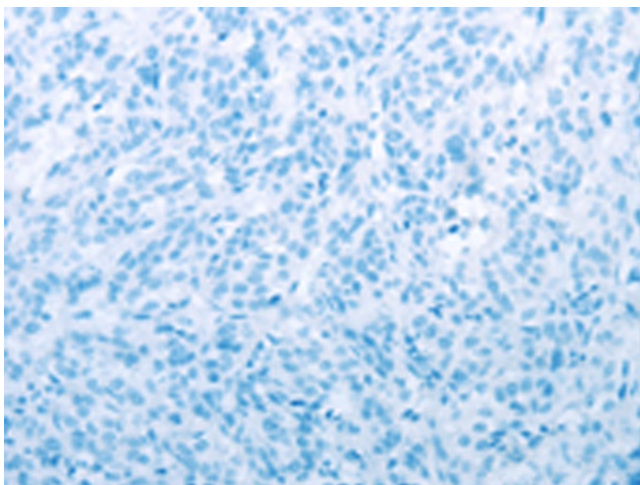
Product images:



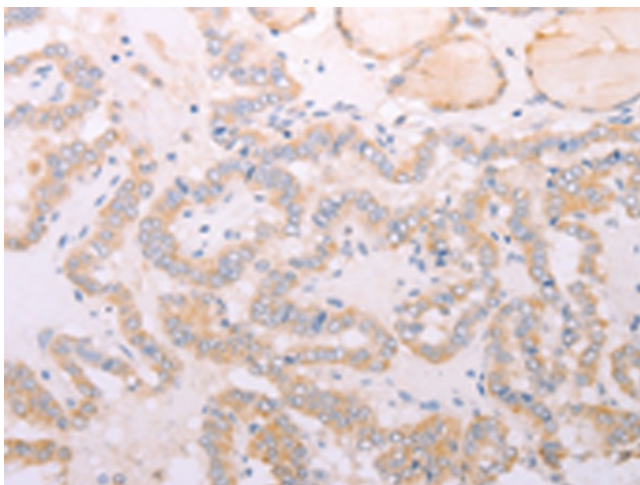
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse thymus tissue
Primary antibody: TA321847 (ADIPOR1 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes



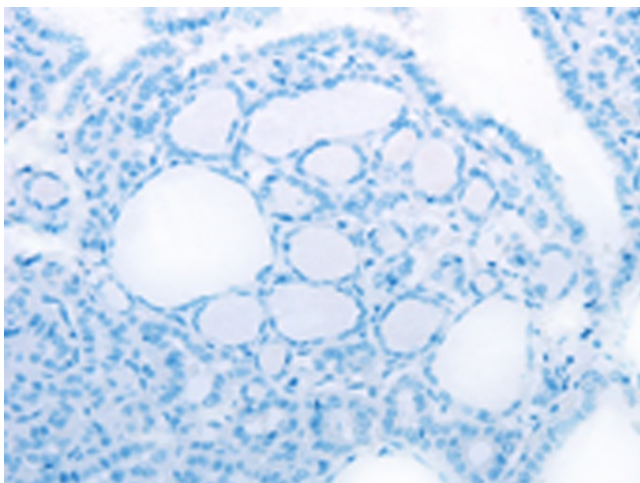
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321847 (ADIPOR1 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321847 (ADIPOR1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321847 (ADIPOR1 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321847 (ADIPOR1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)