

Datasheet for ABIN7266436  
**anti-TACO1 antibody (AA 1-297)**



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TACO1 (CCDC44)
Binding Specificity:	AA 1-297
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TACO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	TACO1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-297 of human TACO1 (NP_057444.2).
Sequence:	MSAWAAASLS RAAARCLLAR GPGVRAAPPR DPRPSHPEPR GCGAAPGRTL HFTAAPVAGH NKWSKVRHIK GPKDVERSRI FSKLCLNIRL AVKEGGPNPE HNSNLANILE VCRSKHMPKS TIETALKMEK SKDTYLLYEG RGGGSSLLI EALSNSSHKC QADIRHILNK NGGVMVAVGAR HSFDKKGVIV VEVEDREKKA VNLERALEMA IEAGAEDVKE TEDEEERNVF KFCIDASSLH QVRKKLDSLGLCSVSCALEF IPNSKVQLAE PDLEQAAHLI QALSNHEDVI HUYDNIE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

---

Purification: Affinity purification

## Target Details

---

Target: TAC01 (CCDC44)

Alternative Name: TAC01 ([CCDC44 Products](#))

Background: This gene encodes a mitochondrial protein that function as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. Mutations in this gene are associated with Leigh syndrome.,TAC01,CCDC44,Epigenetics & Nuclear Signaling,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Cytochromes,Mitochondrial markers,Lipid Metabolism,Cytochromes,Lipases,Cardiovascular,Lipids,TAC01

Molecular Weight: 32kDa

Gene ID: 51204

UniProt: [Q9BSH4](#)

## Application Details

---

Application Notes: WB,1:200 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

## Handling

---

Format: Liquid

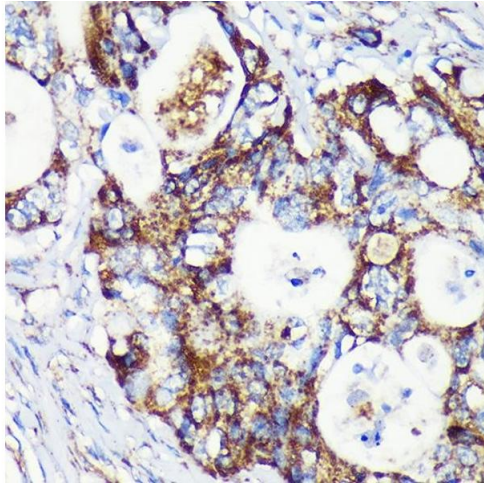
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

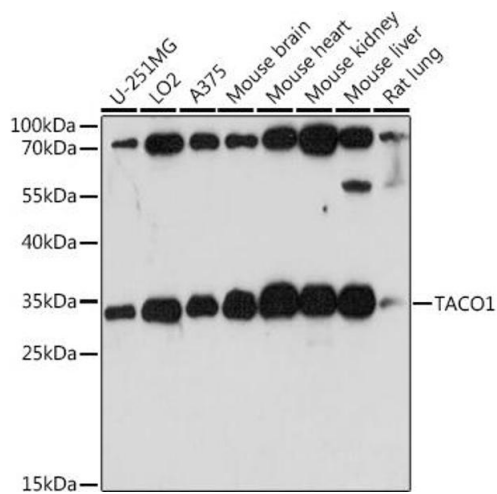
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded Human colon carcinoma using T Rabbit pAb (ABIN7266436) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using T antibody (ABIN7266436) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.