

Datasheet for ABIN656112
anti-TOR2A antibody (AA 194-221)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	TOR2A
Binding Specificity:	AA 194-221
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOR2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TOR2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-221 amino acids from the Central region of human TOR2A.
Clone:	RB32220
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TOR2A
Alternative Name:	TOR2A (TOR2A Products)

Target Details

Background: Salusins are multifunctional bioactive peptides discovered by bioinformatics analyses of a full-length cDNA library. Salusin alpha and salusin beta are related peptides of 28 and 20 amino acids that were recently characterized. These peptides are considered to be biosynthesized from preprosalusin, an alternative-splicing product of the torsion dystonia-related gene (TOR2A), after frameshift reading and digestion at dibasic amino acids. Salusin alpha has recently been shown to be involved in atherosclerosis, it potently suppresses acyl-CoA:cholesterol acyltransferase-1 which stores cholesterol ester converted from free cholesterol in macrophages, thereby reducing human macrophage foam cell formation.

Molecular Weight: 35714

Gene ID: 27433

NCBI Accession: [NP_001078816](#), [NP_001127902](#), [NP_001127903](#), [NP_001238947](#), [NP_001238950](#), [NP_001238952](#), [NP_569726](#)

UniProt: [Q5JU69](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

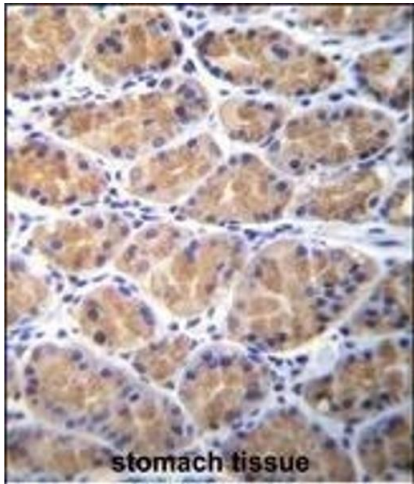
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

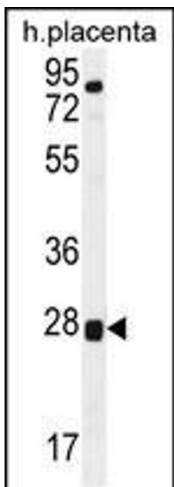
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TOR2A Antibody (Center) (ABIN656112 and ABIN2850491) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TOR2A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. TOR2A Antibody (Center) (ABIN656112 and ABIN2850491) western blot analysis in human placenta tissue lysates (35 µg/lane). This demonstrates the TOR2A antibody detected the TOR2A protein (arrow).