

Datasheet for ABIN7303410

anti-AGTR1a antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	AGTR1a
Reactivity:	Human, Mouse, Rat, Cow, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGTR1a antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AT1.
Specificity:	Recognizes endogenous levels of AT1 protein.
Characteristics:	Rabbit polyclonal antibody to AT1
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	AGTR1a
Alternative Name:	AT1 (AGTR1a Products)
Background:	AGTR1A, AGTR1B, AT2R1, AT2R1B, Type-1 angiotensin II receptor, AT1AR, AT1BR, Angiotensin II type-1 receptor, AT1

Target Details

Gene ID:	185
UniProt:	P30556
Pathways:	ACE Inhibitor Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour

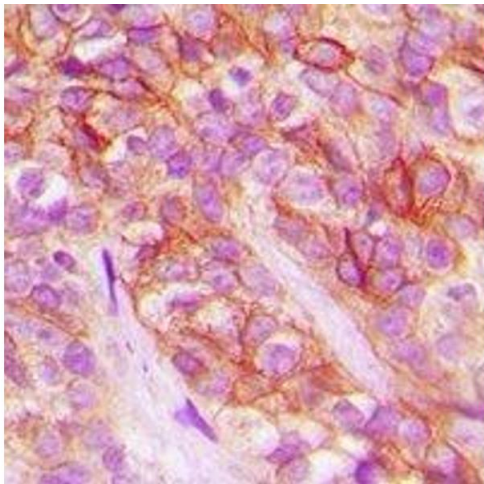
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

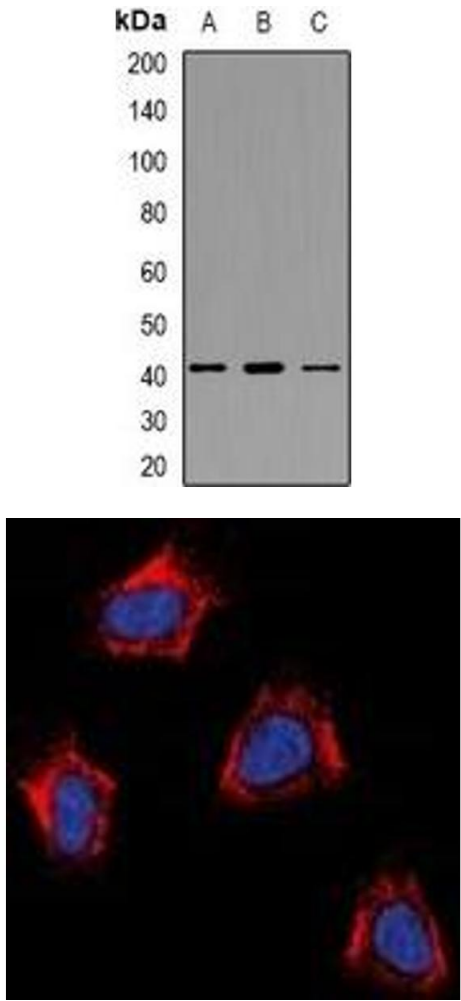
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of AT1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 2. Western blot analysis of AT1 expression in HepG2 (A), K562 (B), RAW264.7 (C) whole cell lysates.

Immunofluorescence

Image 3. Immunofluorescent analysis of AT1 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in