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Datasheet for ABIN7254971
anti-Angiotensin 2 antibody

2 Images

Overview

Quantity:	200 µL
Target:	Angiotensin 2 (ANGPT2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human Angiotensin 2 (NP_001138.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Angiotensin 2 (ANGPT2)
Alternative Name:	Angiotensin 2 (ANGPT2 Products)
Background:	The protein encoded by this gene is an antagonist of angiotensin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.

Target Details

Molecular Weight:	Observed_MW: 75 kDa Calculated_MW: 50 kDa/56 kDa
Gene ID:	285
UniProt:	O15123
Pathways:	RTK Signaling

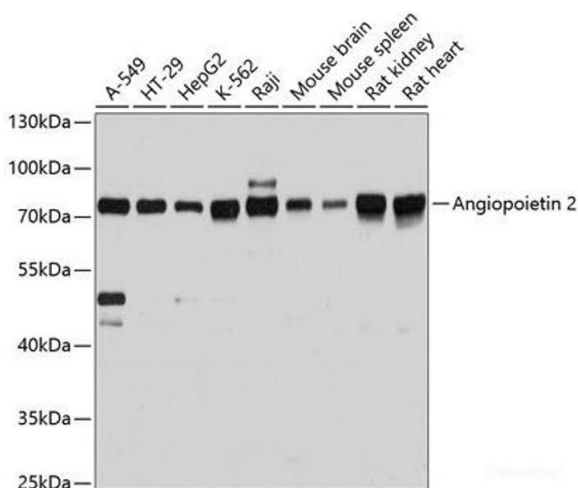
Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only

Handling

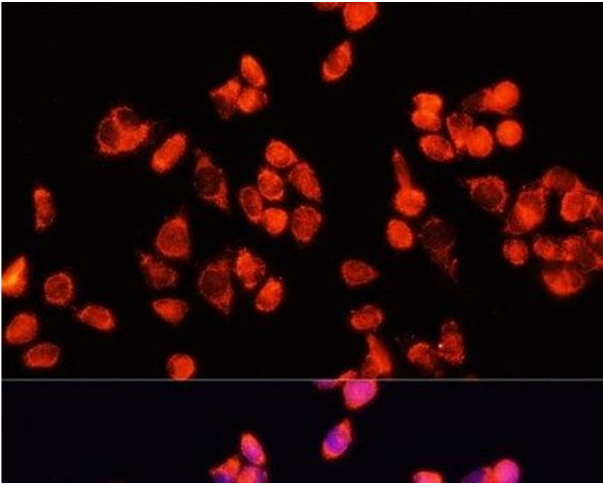
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using Angiopoietin 2 Polyclonal Antibody at dilution of 1:3000.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using Angiotensin 2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.