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# Datasheet for ABIN2854413 anti-Endothelin 2 antibody

Image



#### Overview

Quantity:	100 µL
Target:	Endothelin 2 (EDN2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endothelin 2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human ET-2. The
	exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to ET-2 (endothelin 2)
	ET-2 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	Endothelin 2 (EDN2)
Alternative Name:	endothelin 2 (EDN2 Products)

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Target Details	
Background:	This gene encodes a member of the endothelin protein family of secretory vasoconstrictive
	peptides. The preproprotein is processed to a short mature form which functions as a ligand for
	the endothelin receptors that initiate intracellular signaling events. This gene product is involved
	in a wide range of biological processes, such as hypertension and ovulation.
	Cellular Localization: Secreted

Molecular Weight:	20 kDa
Gene ID:	1907
UniProt:	P20800
Pathways:	Hormone Activity, Negative Regulation of Hormone Secretion, Regulation of Systemic Arterial Blood Pressure by Hormones

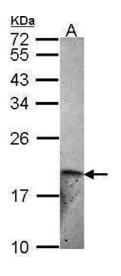
## Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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#### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: Hela 12% SDS PAGE antibody diluted at 1:1000

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