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Datasheet for ABIN570698

## anti-C4orf14 antibody (Internal Region)

### Overview

Quantity:	100 µg
Target:	C4orf14
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This C4orf14 antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	NOA1
Immunogen:	Peptide with sequence ESDYCTAKGSEAIDR, from the internal region of the protein sequence according to NP_115689.1.
Sequence:	ESDYCTAKGS EAIDR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

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Target:	C4orf14
Alternative Name:	NOA1 ( <a href="#">C4orf14 Products</a> )
Background:	NOA1, nitric oxide associated 1, C4orf14, hAtNOS1, hNOA1, mAtNOS1, nitric oxide associated-1, nitric oxide synthase, mitochondrial (putative), nitric oxide-associated protein 1, putative ortholog of Arabidopsis mitochondrial nitric oxide synthase
Gene ID:	84273, 56412, 289562
NCBI Accession:	<a href="#">NP_115689</a>

## Application Details

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Application Notes:	Western Blot: Preliminary experiments gave an approx 30 kDa band in Human Breast and in Breast cancer lysates after 0.5 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the ca Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.