



## C4orf14 Antibody

CATALOG NUMBER: 42-047

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 30 kDa band in human breast and in breast tumor lysates after 0.5 ug/mL antibody staining. 5 kDa according to NP_115689.1. The 30 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>IMMUNOGEN:</b>	C4orf14 antibody was raised against a 15 amino acid synthetic peptide near the internal region of C4orf14.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	C4orf14 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	C4orf14 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	putative ortholog of Arabidopsis mitochondrial nitric oxide synthase, hypothetical protein LOC84273, mAtNOS1, hAtNOS1, MGC3232, chromosome 4 open reading frame 14, C4orf14
<b>ACCESSION NO.:</b>	NP_115689.1
<b>PROTEIN GI NO.:</b>	14150078
<b>OFFICIAL SYMBOL:</b>	C4orf14
<b>GENE ID:</b>	84273

### Background

<b>REFERENCES:</b>	1) Parihar A, Parihar MS, Chen Z, Ghafourifar P. mAtNOS1 induces apoptosis of human mammary adenocarcinoma cells. Life Sci. 2008 May 23;82(21-22):1077-82.
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FOR RESEARCH USE ONLY

December 13, 2016