

Product Datasheet

cardiac troponin T Antibody (orb1248072)

Description

cardiac troponin T Antibody

Species/Host

Goat

Reactivity

Human, Mouse, Porcine

Conjugation

Unconjugated

Tested

ELISA, WB

Applications

The immunogen for this antibody is: C-TERKSGKRQTERE

Target

cardiac troponin T

Preservatives

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Form/Appearance

Liquid

Concentration

500 ug/mL

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Note

For research use only

Application notes

Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 40kDa band observed in Human, Mouse and Pig Heart lysates (calculated MW of 35.6kDa according to Human NP_000355.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Luedde, Cardiovasc Res. 2010 Jun 1;86(3):452-60. PMID: 20083571). Recommended concentration: 0.1-0.3ug/ml.

Clonality

Polyclonal

MW

Approx 40kDa

Uniprot ID

[P45379](#)

NCBI

[NP_001001430.1](#), [NP_001001432.1](#), [NP_000355.2](#), [NP_001001431.1](#)

Dilution Range

Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 40kDa band observed in Human, Mouse and Pig Heart lysates (calculated MW of 35.6kDa according to Human NP_000355.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Luedde, Cardiovasc Res. 2010 Jun 1;86(3):452-60. PMID: 20083571). Recommended concentration: 0.1-

250kDa
150kDa
100kDa

50kDa
37kDa
25kDa
20kDa
15kDa

orb1248072
(0.1 ug/ml)
staining of
Human...

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

orb1248072
(0.1 ug/ml)
staining of
Pig H...