

C14orf2 Polyclonal Antibody

Catalog Number:E-AB-19636



Note: Centrifuge before opening to ensure complete recovery of vial contents.

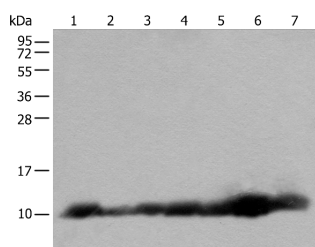
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human C14orf2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

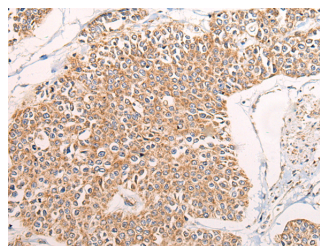
WB	1:500-1:2000
IHC	1:40-1:200
ELISA	1:5000-1:10000

Data

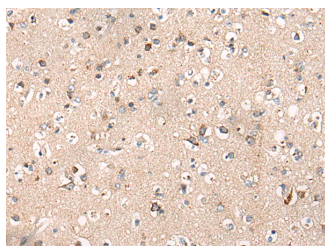


Western blot analysis of 293T and RAW264.7 cell
Human fetal brain tissue Jurkat and 231 cell Human
heart tissue Hela cell lysates using C14orf2
Polyclonal Antibody at dilution of 1:600

Observed MW:Refer to figures
Calculated Mw:7 kDa



Immunohistochemistry of paraffin-embedded
Human prostate cancer tissue using C14orf2
Polyclonal Antibody at dilution of 1:60(×200)



Immunohistochemistry of paraffin-embedded
Human brain tissue using C14orf2 Polyclonal
Antibody at dilution of 1:60(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

For Research Use Only

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Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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C14orf2, also known as MP68, MP68 is a 58 amino acid mitochondrial protein that belongs to the small mitochondrial proteolipid family. The gene encoding MP68 maps to human chromosome 14, which houses over 700 genes and comprises nearly 3.5% of the human genome. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease (AD). The SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic disorder α 1-antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.

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