C14orf2 Polyclonal Antibody

Catalog No. E-AB-19636

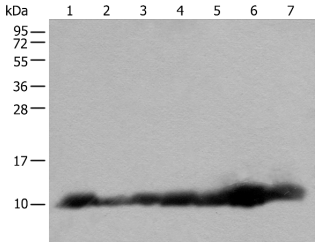
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

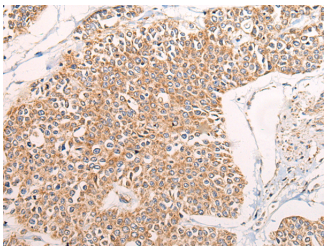
Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human C14orf2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:40-1:200

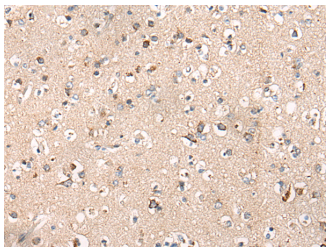
Data



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 prost at e 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

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

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 presinilin 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 α1-antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.

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