10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

C14ORF140 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59307

Specification

C14ORF140 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q53FD0
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**52 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human C14ORF140/FAM164C**
Epitope Specificity	**871-456/456**
Isotype	**IgG**
Purity	
affinity purified by Protein A	
Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SIMILARITY	**Belongs to the ZC2HC1 family.Contains 1 C2HC-type zinc finger.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
Chromosome 14 contains about 700 genes and 106 million base pairs and makes up about 3.5% of human cellular DNA. Chromosome 14 encodes the presinilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease. The SERPINA1 gene is located on chromosome 14 and when defective leads to the genetic disorder ?-antitrypsin deficiency. This disorder is characterized by severe lung complications and liver dysfunction. Notably, the immunoglobulin heavy chain locus is found on chromosome 14 and has been identified as a fusion with the chromosome 19 encoded protein BCL3 in the (14;19) translocations found in a variety of B cell malignancies. The C14orf140 gene product has been provisionally designated C14orf140 pending further characterization.

C14ORF140 Polyclonal Antibody - Additional Information

Gene ID 79696

Other Names
Zinc finger C2HC domain-containing protein 1C, ZC2HC1C, C14orf140, FAM164C

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

C14ORF140 Polyclonal Antibody - Protein Information

Name ZC2HC1C

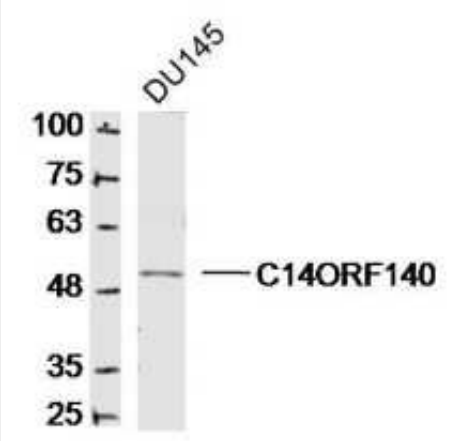
Synonyms C14orf140, FAM164C

C14ORF140 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C14ORF140 Polyclonal Antibody - Images



Sample:
DU145 Cell(Human)Lysate at 30 ug
Primary: Anti- C14ORF140 (bs-9614R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52kD
Observed band size: 52kD

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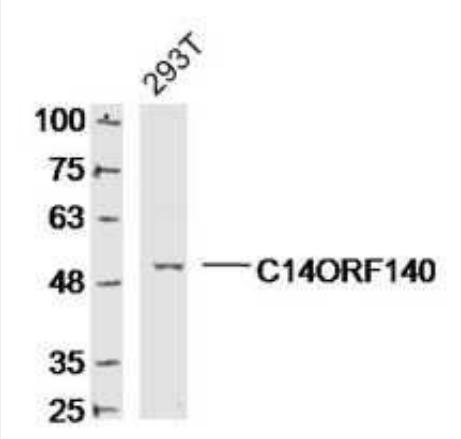

Sample:
293T Cell (Human) Lysate at 30 ug
Primary: Anti- C14ORF140 (bs-9614R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52kD
Observed band size: 52kD