

## Rabbit anti-Human CDS2 Polyclonal Antibody | anti-CDS2 antibody

CDS2 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA234764</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

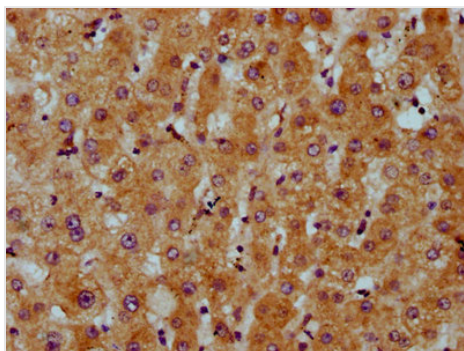
### PRODUCT SYNONYMS

CDS2; Polyclonal Antibody; CDS2 Antibody; Phosphatidate cytidyltransferase 2; CDP-DAG synthase 2; CDP-DG synthase 2; CDP-diacylglycerol synthase 2; CDS 2; CDP-diglyceride pyrophosphorylase 2; CDP-diglyceride synthase 2; CTP:phosphatidate cytidyltransferase 2; anti-CDS2 antibody

### PRODUCT SPECIFICATIONS

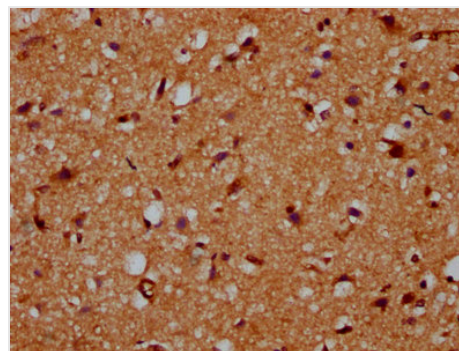
|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 445                                                                              |
| Applicable Applications for anti-CDS2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                      | Recombinant Human Phosphatidate cytidyltransferase 2 protein (354-445AA)         |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



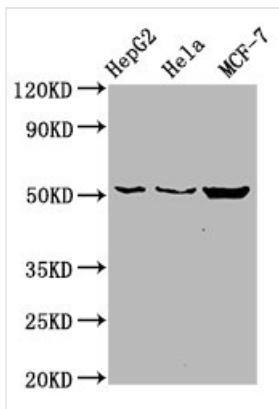
#### IHC (Immunohistochemistry)

IHC image of AAA234764 diluted at 1:200 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234764 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### WB (Western Blot)

Western BlotPositive WB detected in: HepG2 whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysateAll lanes: CDS2 antibody at 6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 52, 30 KDaObserved band size: 52 KDa

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                       |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDS2 antibody | Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol, phosphatidylglycerol, and cardiolipin. |
| Product Categories/Family for anti-CDS2 antibody   | Metabolism; Signal Transduction                                                                                                       |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 20143480                                                               |
| NCBI GeneID                      | 8760                                                                   |
| NCBI Accession #                 | NP_003809.1                                                            |
| NCBI GenBank Nucleotide #        | NM_003818.3                                                            |
| UniProt Accession #              | O95674; Q5TDY2; Q5TDY3; Q5TDY4; Q5TDY5; Q9BYK5; Q9NTT2; B2RDC6; D3DW04 |
| Molecular Weight                 | 29,890 Da                                                              |
| NCBI Official Full Name          | phosphatidate cytidyltransferase 2                                     |
| NCBI Official Synonym Full Names | CDP-diacylglycerol synthase 2                                          |
| NCBI Official Symbol             | CDS2                                                                   |
| NCBI Protein Information         | phosphatidate cytidyltransferase 2                                     |
| UniProt Protein Name             | Phosphatidate cytidyltransferase 2                                     |
| UniProt Gene Name                | CDS2                                                                   |
| UniProt Synonym Gene Names       | CDS 2                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/cds2-antibody-immunohistochemistry-western-blot-elisa/234764>