

**IQCK Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59108****Specification****IQCK Polyclonal Antibody - Product Information**

|                                |                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Application                    | WB, IHC-P, IHC-F, IF, E                                                                                                   |
| Primary Accession              | <a href="#">Q8N0W5</a>                                                                                                    |
| Host                           | Rabbit                                                                                                                    |
| Clonality                      | Polyclonal                                                                                                                |
| Calculated MW                  | 33 KDa                                                                                                                    |
| Physical State                 | Liquid                                                                                                                    |
| Immunogen                      | KLH conjugated synthetic peptide derived from human IQCK                                                                  |
| Epitope Specificity            | /201-287/287                                                                                                              |
| Isotype                        | IgG                                                                                                                       |
| <b>Purity</b>                  |                                                                                                                           |
| affinity purified by Protein A |                                                                                                                           |
| Buffer                         | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                         |
| Important Note                 | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

**Background Descriptions**

Chromosome 16 encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, though through the CREBBP gene which encodes a critical CREB binding protein. Signs of Rubinstein-Taybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias. Crohn's disease is a gastrointestinal inflammatory condition associated with chromosome 16 through the NOD2 gene. An association with systemic lupus erythematosus and a number of other autoimmune disorders with the pericentromeric region of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier. alternatively splicing events.

**IQCK Polyclonal Antibody - Additional Information****Gene ID** 124152**Other Names**

IQ domain-containing protein K, IQCK

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C 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 °C.

**IQCK Polyclonal Antibody - Protein Information**

**Name** IQCK

**IQCK 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 Cytometry](#)
- [Cell Culture](#)

**IQCK Polyclonal Antibody - Images**