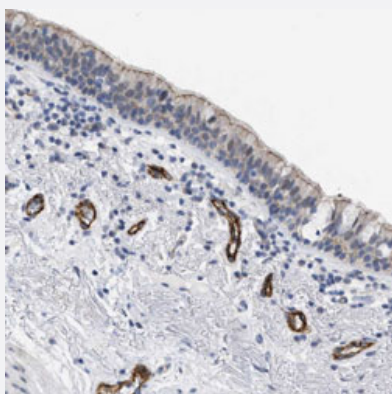


DARC polyclonal antibody

Catalog # PAB30893 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bronchus with DARC polyclonal antibody (Cat # PAB30893) shows capillary staining in stroma and membranous positivity in respiratory epithelial cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human DARC.
Immunogen	Recombinant protein corresponding to human DARC.
Sequence	GNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCNLLDDS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — DARC

Entrez GeneID[2532](#)**Protein Accession#**[Q16570](#)**Gene Name**

DARC

Gene Alias

CCBP1, CD234, Dfy, FY, GPD, GpFy, WBCQ1

Gene Description

Duffy blood group, chemokine receptor

Omim ID[110700 611162](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a glycosylated membrane protein and a non-specific receptor for several chemokines. The encoded protein is the receptor for the human malarial parasites *Plasmodium vivax* and *Plasmodium knowlesi*. Polymorphisms in this gene are the basis of the Duffy blood group system. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

Duffy antigen/chemokine receptor|Duffy blood group antigen|Fy glycoprotein|OTTHUMP00000035293|OTTHUMP00000060081|glycoprotein D

Disease

- [Acute Disease](#)
- [Anemia](#)
- [Asthma](#)

- [Atherosclerosis](#)
- [Behcet Syndrome](#)
- [Blood Group Incompatibility](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Elliptocytosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Kidney Diseases](#)
- [Leukopenia](#)
- [Lung Diseases](#)
- [Malaria](#)
- [Nervous System Diseases](#)
- [Neutropenia](#)
- [Rh Isoimmunization](#)
- [Schizophrenia](#)