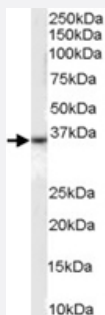


DARC polyclonal antibody

Catalog # PAB6873

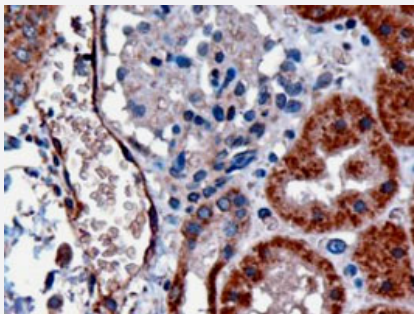
Size 100 ug

Applications



Western Blot (Tissue lysate)

DARC polyclonal antibody (Cat # PAB6873) (0.1 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

DARC polyclonal antibody (Cat # PAB6873) (3 ug/mL) staining of paraffin embedded human kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DARC.
Immunogen	A synthetic peptide corresponding to human DARC.
Sequence	HRAELSPSTENSSQLDFED-C
Host	Goat
Theoretical MW (kDa)	35.6
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western Blot (0.1-0.3 ug/mL) Immunohistochemistry (3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

- Western Blot (Tissue lysate)

DARC polyclonal antibody (Cat # PAB6873) (0.1 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

DARC polyclonal antibody (Cat # PAB6873) (3 ug/mL) staining of paraffin embedded human kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Gene Info — DARC

Entrez GeneID	2532
Protein Accession#	NP_002027.2
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

Publication Reference

- [Expression of DARC, CXCR3 and CCR5 in giant cell arteritis.](#)

Bruhl H, Vielhauer V, Weiss M, Mack M, Schlondorff D, Segerer S.

Rheumatology (Oxford, England) 2005 Mar; 44(3):309.

Application: IHC-P, Human, Temporal artery

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](#)