



# Anti-ACKR1 (C-terminal) polyclonal antibody (DPAB-L20359)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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, Jul 2008]
<b>Immunogen</b>	DARC antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human DARC.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	immunohistochemistry: suitable
<b>Format</b>	Buffered aqueous solution
<b>Size</b>	100 µg
<b>Buffer</b>	Supplied in PBS with 0.02% sodium azide.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ACKR1 atypical chemokine receptor 1 (Duffy blood group) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ACKR1
<b>Synonyms</b>	ACKR1; atypical chemokine receptor 1 (Duffy blood group); FY; Dfy; GPD; DARC; GpFy; CCBP1; CD234; WBCQ1; atypical chemokine receptor 1; glycoprotein D; Fy glycoprotein; Duffy blood group antigen; plasmodium vivax receptor; Duffy blood group, chemokine receptor; Duffy blood group, atypical chemokine receptor
<b>Entrez Gene ID</b>	<a href="#">2532</a>
<b>Protein Refseq</b>	<a href="#">NP_001116423</a>
<b>UniProt ID</b>	<a href="#">Q16570</a>
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors); GPCR ligand binding; GPCRs; Malaria; Peptide GPCRs; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR.
<b>Function</b>	C-C chemokine binding; G-protein coupled receptor activity; receptor activity; transmembrane signaling receptor activity