



## Anti-ARF5 (aa 81-180) polyclonal antibody (DPAB-DC1787)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of the human ADP-ribosylation factor (ARF) gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization.
<b>Immunogen</b>	ARF5 (AAH03043, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. The sequence is  YFQNTQGLIFVVDSNDRERVQESADELQKMLQEDELRDAVLLVFANKQDMPNAMPVSELT DKLGLQHLRSRTWYVQATCATQGTGLYDGLDWLSHELSKR
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">ARF5 ADP-ribosylation factor 5 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ARF5
<b>Synonyms</b>	ARF5; ADP-ribosylation factor 5;
<b>Entrez Gene ID</b>	<a href="#">381</a>
<b>Protein Refseq</b>	<a href="#">NP_001653</a>
<b>UniProt ID</b>	<a href="#">A4D0Z3</a>
<b>Chromosome Location</b>	7q31.3
<b>Pathway</b>	Class I PI3K signaling events.
<b>Function</b>	GTP binding; GTPase activity; protein binding;

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