



# Anti-ARL1 (aa 72-181) polyclonal antibody (DPAB-DC1860)

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 belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner.
<b>Immunogen</b>	ARL1 (NP_001168, 72 a.a. ~ 181 a.a) partial recombinant protein with GST tag. The sequence is TSIRPYWRCYYSNNTDAVIYVVDSCDRDRIGISKSELVAMLEEEELRKAILVVFANKQDME QAMTSSEMANSGLPLALKDRKWQIFKTSATKGTGLDEAMEWLVELKSRQ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), 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

<b>Gene Name</b>	<a href="#">ARL1 ADP-ribosylation factor-like 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ARL1
<b>Synonyms</b>	ARL1; ADP-ribosylation factor-like 1; ARFL1; ADP-ribosylation factor-like protein 1;
<b>Entrez Gene ID</b>	<a href="#">400</a>
<b>Protein Refseq</b>	<a href="#">NP_001168</a>
<b>UniProt ID</b>	<a href="#">P40616</a>
<b>Chromosome Location</b>	12q23.2
<b>Function</b>	GTP binding; GTPase activity; enzyme activator activity; metal ion binding