



Anti-ARF3 (full length) polyclonal antibody (DPAB-DC1776)

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

PRODUCT INFORMATION

Antigen Description	ADP-ribosylation factor 3 (ARF3) is a member of the human 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) and members of each class share a common gene organization. The ARF3 gene contains five exons and four introns.
Immunogen	ARF3 (AAH07762, 1 a.a. ~ 181 a.a) full-length recombinant protein with GST tag. The sequence is MGNIFGNLLKSLIGKKEMRILMVGLDAAGKTTILYKLLGEIVTTIPTIGFNVETVEYKN ISFTVWDVGGQDKIRPLWRHYFQNTQGLIFVDSNDRERVNEAREELMRMLAEDELRLDAV LLVFANKQDLPNAMNAAEITDKLGLHSLRHRNWWYIQATCATSGDGLYEGLDWLANQLKNK K
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ARF3 ADP-ribosylation factor 3 [Homo sapiens (human)]
Official Symbol	ARF3
Synonyms	ARF3; ADP-ribosylation factor 3; small GTP binding protein;
Entrez Gene ID	377
Protein Refseq	NP_001650
UniProt ID	A0A024R0Y6
Chromosome Location	12q13
Pathway	Metabolism; PI Metabolism; Synthesis of PIPs at the Golgi membrane;
Function	GTP binding; GTPase activity;