



Rabbit Anti-Human ARHGDIB polyclonal antibody (DCABH-7230)

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

PRODUCT INFORMATION

Target	ARHGDIB
Immunogen	Recombinant full-length human D4-GDI protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Molecular Weight	23 kDa
Cellular Localization	Cytoplasm, Nucleus
Positive Control	Placenta, Tonsil
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction	D4-GDI belongs to the family of Rho-GDIs or GDP-dissociation inhibitors for the Rho/Rac family of small G proteins; consisting of RhoGDI-1, D4-GDI/RhoGDI-2 and RhoGDI-3. It inhibits the release of GDP from the Rho proteins, essential for GTP-loading and activation of GTPase activity. D4-GDI is located in the cytoplasm and is involved in the regulation of the membrane association and dissociation cycle of Rho/Rac proteins. It is known to be a substrate for caspase 3 during Fas-mediated apoptosis.
Keywords	ARHGDIB;Rho GDP dissociation inhibitor (GDI) beta;D4;GDIA2;GDID4;LYGDI;Ly-GDI;RAP1GN1;RhoGDI2;rho GDP-dissociation inhibitor 2;Rho GDI 2;rho-GDI beta

GENE INFORMATION

Entrez Gene ID	397
UniProt ID	P52566