

Product datasheet for **TA370192**

GDI2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: HT-29 and Jurkat cell lysates IHC: 25-100 Positive control: Human tonsil Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GDI2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	51 kDa
Gene Name:	GDP dissociation inhibitor 2
Database Link:	Entrez Gene 2665 Human P50395



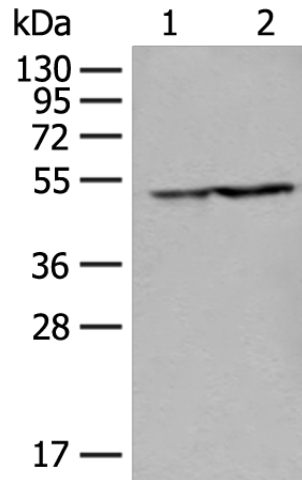
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Background:

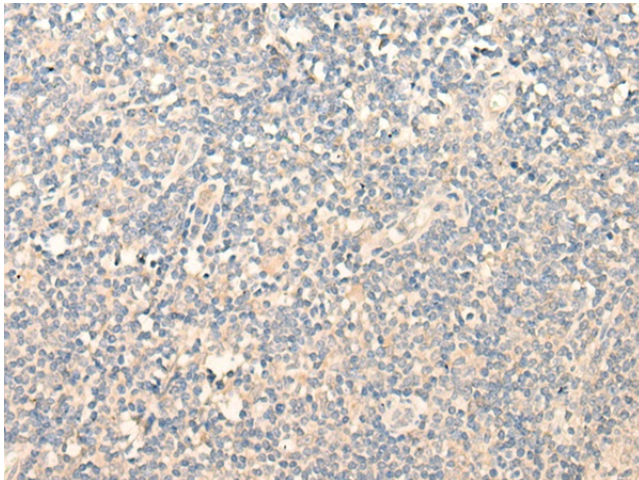
GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI2 is ubiquitously expressed. The GDI2 gene contains many repetitive elements indicating that it may be prone to inversion/deletion rearrangements. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Synonyms:

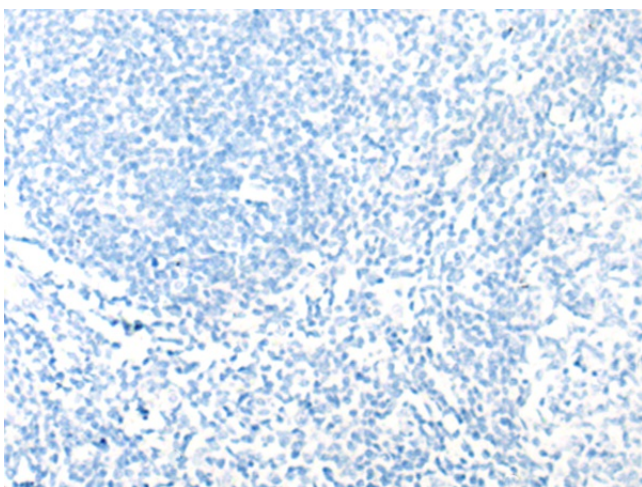
FLJ16452; FLJ37352; GDI-2; RABGDIB

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: HT-29 and Jurkat cell lysates
Primary antibody: TA370192 (GDI2 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370192 (GDI2 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370192 (GDI2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)