

## Product datasheet for **TA371864S**

### **D4 (ARHGDIB) Rabbit Polyclonal Antibody**

#### **Product data:**

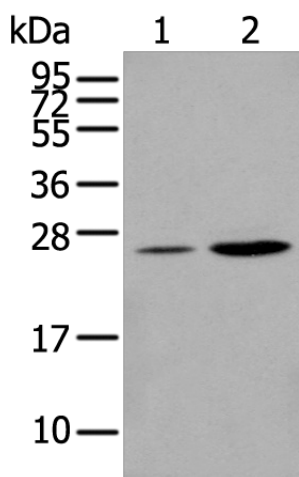
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 200-1000 WB positive control: Human spleen tissue and Jurkat cell IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm and Nucleus
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide of human ARHGDIB
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Predicted Protein Size:</b>	23 kDa
<b>Gene Name:</b>	Rho GDP dissociation inhibitor beta
<b>Database Link:</b>	<a href="#">Entrez Gene 397 Human P52566</a>
<b>Background:</b>	Members of the Rho (or ARH) protein family (see MIM 165390) and other Ras-related small GTP-binding proteins (see MIM 179520) are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, and secretion. The GTP-binding proteins are active only in the GTP-bound state. At least 3 classes of proteins tightly regulate cycling between the GTP-bound and GDP-bound states: GTPase-activating proteins (GAPs), guanine nucleotide-releasing factors (GRFs), and GDP-dissociation inhibitors (GDIs).



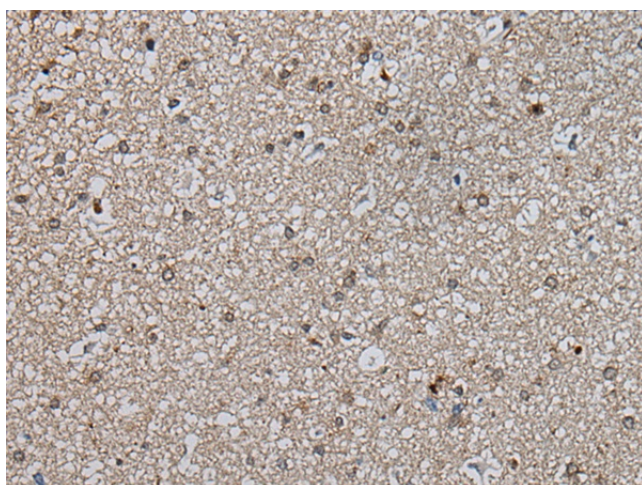
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Synonyms: D4; GDIA2; GDID4; Ly-GDI; LYGDI; RAP1GN1; RhoGDI2

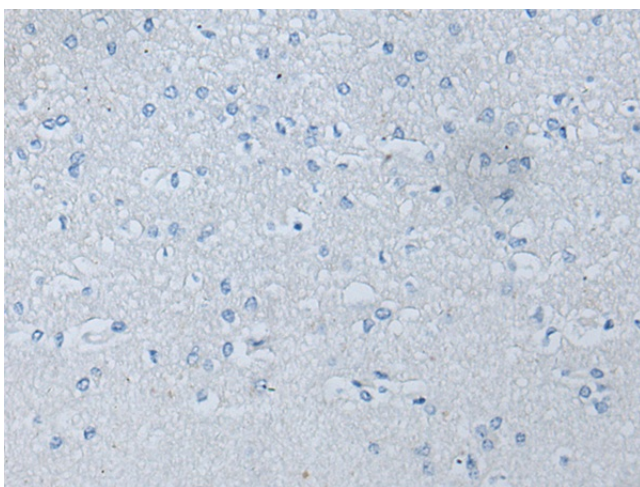
**Product images:**



Gel: 12%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-2: Human spleen tissue and Jurkat cell lysates  
 Primary antibody: [TA371864] (ARHGDIB Antibody) at dilution 1/300  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA371864] (ARHGDIB Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA371864] (ARHGDIB Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )