OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA367629S

D4 (ARHGDIB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562□293T□A431 and HepG2 cell IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ARHGDIB
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	23 kDa
Gene Name:	Rho GDP dissociation inhibitor beta
Database Link:	Entrez Gene 397 Human P52566
Background:	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).
Synonyms:	D4; GDIA2; GDID4; Ly-GDI; LYGDI; RAP1GN1; RhoGDI2

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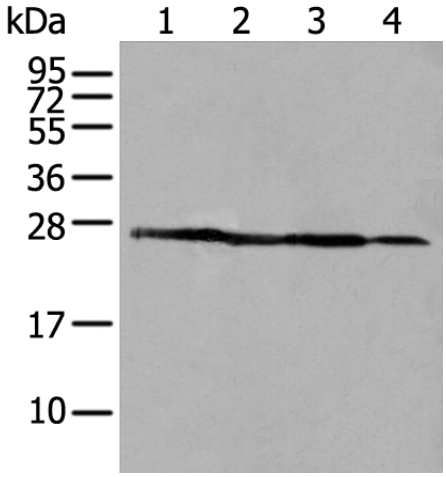
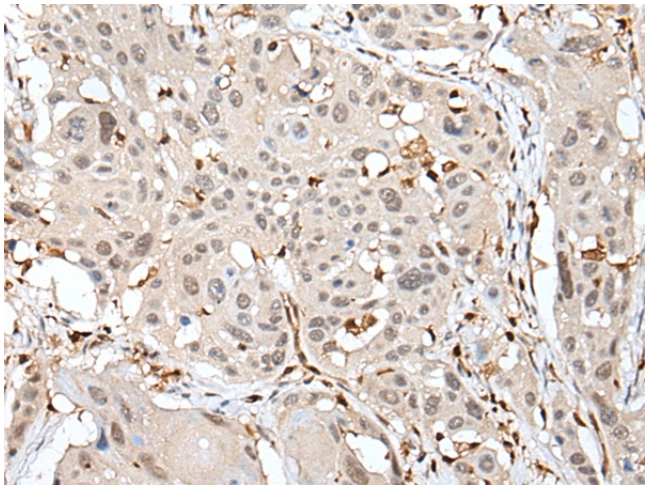
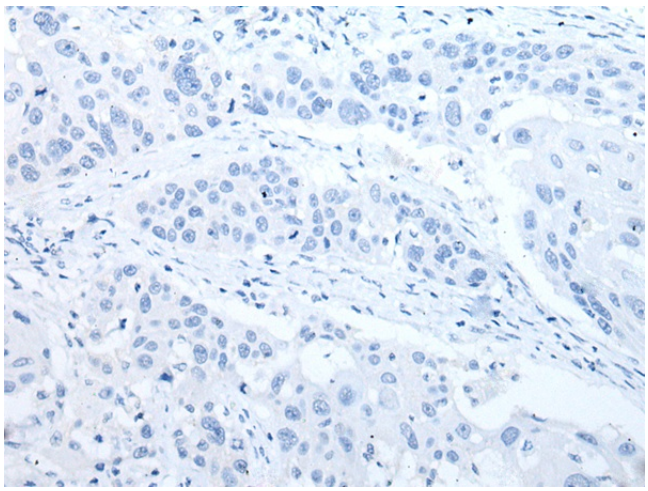
Product images:



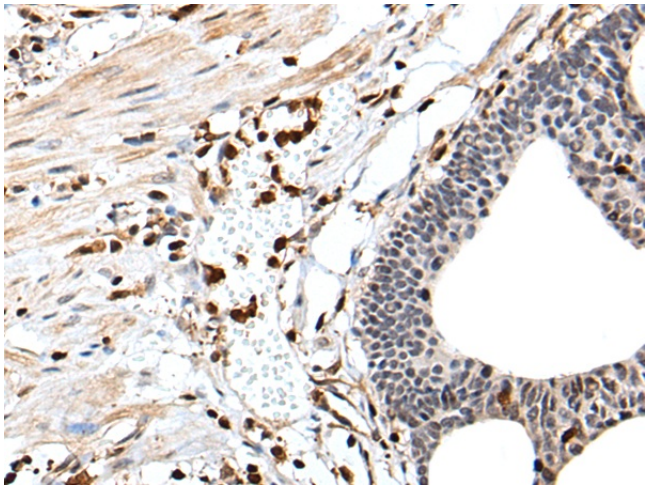
Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-4: K562
293T
A431 and HepG2 cell lysates
Primary antibody: [TA367629] (ARHGDIB Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



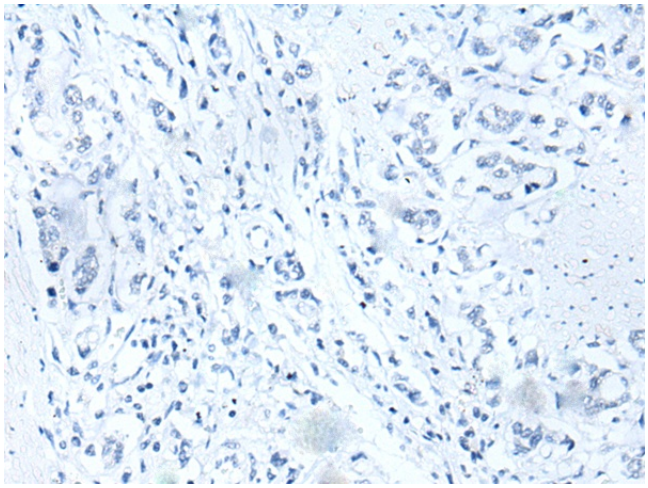
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA367629] (ARHGDIB Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA367629] (ARHGDIB Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA367629] (ARHGDIB Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA367629] (ARHGDIB Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)