

Product datasheet for **TA380926**

RIC8 (RIC8A) Rabbit Polyclonal Antibody

Product data:

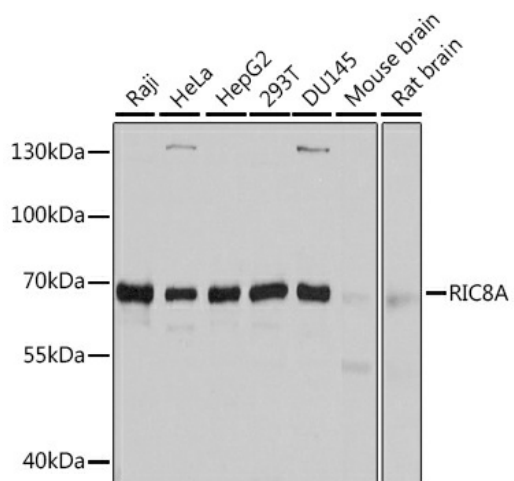
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 362-531 of human RIC8A (NP_001273063.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	58kDa/59kDa/60kDa
Gene Name:	RIC8 guanine nucleotide exchange factor A
Database Link:	Entrez Gene 60626 Human Q9NPQ8
Background:	Guanine nucleotide exchange factor (GEF, which can activate some, but not all, G-alpha proteins. Able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP. Involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i-alpha protein, possibly leading to release G(i-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i-alpha-GDP complex (By similarity. Also acts as an activator for G(q-alpha (GNAQ protein by enhancing the G(q-coupled receptor-mediated ERK activation.



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Synonyms: MGC104517; MGC131931; MGC148073; MGC148074; RIC8; synembryn

Product images:



Western blot analysis of extracts of various cell lines, using RIC8A antibody (TA380926) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 20s.