

DNAxPAb

Hard-to-Find
Antibody

RANGAP1 DNAxPab

Catalog # H00005905-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RANGAP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASEDIAKLAETLAKTQVAGGQLSFKGKSLKLNTAEDAKDVIKEIEDFDSLEALRLEGNTVGVEAA RVIKALEKKSELKRCHWSDMFTGRLRTEIPPALISLGEGLITAGACLVELDLSDNAFGPDGVQGF EALLKSSACFTLQELKLNNCGMGIGGGKILAAALTECHRSQAQKPLALKVVFVAGRNRENDGA TALAEAFRIGTLEEVHMPQNGINHPGITALAQAFVNP LLRVINLNDNTFTEKGAVAMAETLKT LR QVEVINFGDCLVRSKGAVAIADAI RGG L PKL KELNLSFCEIKRDAALAVAEAMADKAELEKLDLNG NTLGEEGCEQLQEVLEGFNMAKVLA SLSDDEDEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE EEEEEPQQRGQGEKSATPSRKILDPNTGEPAPVLSSPPPADVSTFLAFPSPEKLLRLGPKSSVLI AQQTDTSDPEKVVS AFLKVSSVFKDEATVRMAVQDAVDALMQKAFNSSSFNSNTFLTRLLVHM GLLKSEDKVKAIANLYGPLMALNHMVQQDYFPKALAPLLLAFTKPN SALES CSFARHSL LQTL YK V
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — RANGAP1

Entrez GeneID [5905](#)

GeneBank Accession# [NM_002883.2](#)

Protein Accession# [NP_002874.1](#)

Gene Name RANGAP1

Gene Alias Fug1, KIAA1835, MGC20266, SD

Gene Description Ran GTPase activating protein 1

Omim ID [602362](#)

Gene Ontology [Hyperlink](#)

Gene Summary RanGAP1, is a homodimeric 65-kD polypeptide that specifically induces the GTPase activity of RAN, but not of RAS by over 1,000-fold. RanGAP1 is the immediate antagonist of RCC1, a regulator molecule that keeps RAN in the active, GTP-bound state. The RANGAP1 gene encodes a 587-amino acid polypeptide. The sequence is unrelated to that of GTPase activators for other RAS-related proteins, but is 88% identical to Fug1, the murine homolog of yeast Rna1p. RanGAP1 and RCC1 control RAN-dependent transport between the nucleus and cytoplasm. RanGAP1 is a key regulator of the RAN GTP/GDP cycle. [provided by RefSeq]

Other Designations OTTHUMP00000028918|segregation distorter homolog|segregation distortion