

DNAxPAb

Hard-to-Find
Antibody

ARHGEF6 DNAxPab

Catalog # H00009459-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ARHGEF6 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNPEEQVITWLISLGVLESPKKTICDPEEFLKSSLKNGVVLCKLINRLMPGSVEKFCLDPQTEADCI NNINDFLKGCATLQVEIFDPPDLYSQVNFVSKVLSTLLAVNKATEDQLSERPCGRSSSLSAANTSQT NPQGAVSSTVSGLRQSKTVENTENGSHQLIVKARFNFKQTNEDELSVCKGDIIVTRVEEGGW WEGTLNGRTGWFPSNYVREIKSSERPLSPKAVKGFETAPLTKNYYTVVLQNILDTEKEYAKELQSL LVTYLRPLQSNNNLSTVEVTSLLGNFEEVCTFQQTLCQALEECSKFPENQHKVGGCLLSLMPHFK SMYLAYCANHPSAVNVLTQHSDELEQFMENQGASSPGILITTNLSKPFMRLEKYVTLQELERHM EDTHPDHQDILKAIVAFKTLMGQCQDLRKRKQLELQILSEPIQAWEGEDIKNLGNVIFMSQVMVQY GACEEKEERYLMLFSNVLIMLSASPRMSGFIYQGGKIPIAGTVVTRLDEIEGNDC TFEITGNTVERIV HCNNNQDFQEWLEQLNRLIRGPASCSSLSKTSSSSSCSAHSSFSSTGQPRGPLEPPQIIKPWSLS CLRPAPPLRPSAALGYKERMSYILKESSKSPKTMKKFLHKKRKTERKPSEEEYVIRKSTAALEEDA QILKVIEAYCTSANFQQGHGSSTRKDSIPQVLLPEEEKLIEETRSNGQTIMEEKSLVDTVYALKDEV RELKQENKRMKQCLEEEELKSRRDLEKLVRRLLKQTDECIRGESSSKTSILP
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 — ARHGEF6

Entrez GeneID [9459](#)

GeneBank Accession# [NM_004840.2](#)

Protein Accession# [NP_004831.1](#)

Gene Name ARHGEF6

Gene Alias COOL2, Cool-2, KIAA0006, MRX46, PIXA, alpha-PIX, alphaPIX

Gene Description Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6

Omim ID [300267](#) [300436](#)

Gene Ontology [Hyperlink](#)

Gene Summary Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It may form a complex with G proteins and stimulate Rho-dependent signals. This protein is activated by PI3-kinase. Mutations in this gene can cause X-chromosomal non-specific mental retardation. [provided by RefSeq]

Other Designations OTTHUMP00000062283|PAK-interacting exchange factor, alpha|Rac/Cdc42 guanine exchange factor (GEF) 6|Rac/Cdc42 guanine nucleotide exchange factor 6|mental retardation, X-linked 46|rho guanine nucleotide exchange factor 6

Pathway

- [Pancreatic cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Angina Pectoris](#)
- [Coronary Vasospasm](#)
- [Genetic Predisposition to Disease](#)