

Product datasheet for **TA350868S**

ARHGEF6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ARHGEF6
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Rac/Cdc42 guanine nucleotide exchange factor 6
Database Link:	NP_004831 Entrez Gene 9459 Human Q15052

Background: 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.

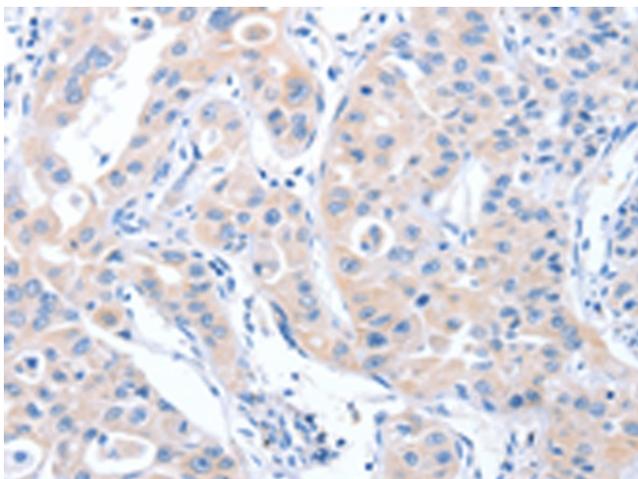
Synonyms: alpha-PIX; alphaPIX; Cool-2; COOL2; MRX46; PIXA

Protein Families: Druggable Genome

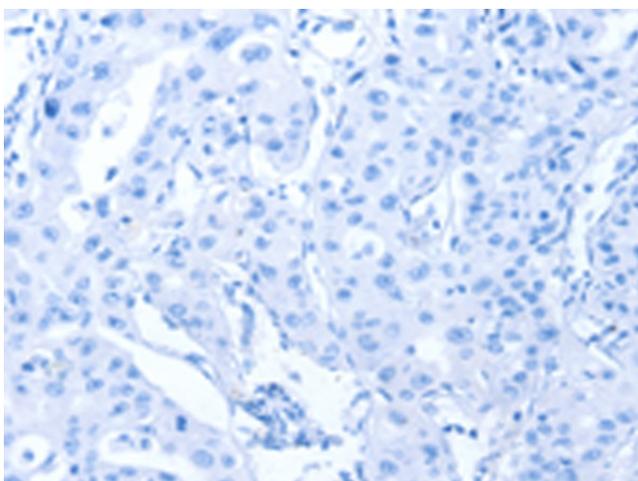
Protein Pathways: Pancreatic cancer, Regulation of actin cytoskeleton



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Product images:

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA350868] (ARHGEF6 Antibody) at dilution 1/70 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA350868] (ARHGEF6 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: $\times 200$)