

Product datasheet for **TA371848S**

ALPK2 Rabbit Polyclonal Antibody

Product data:

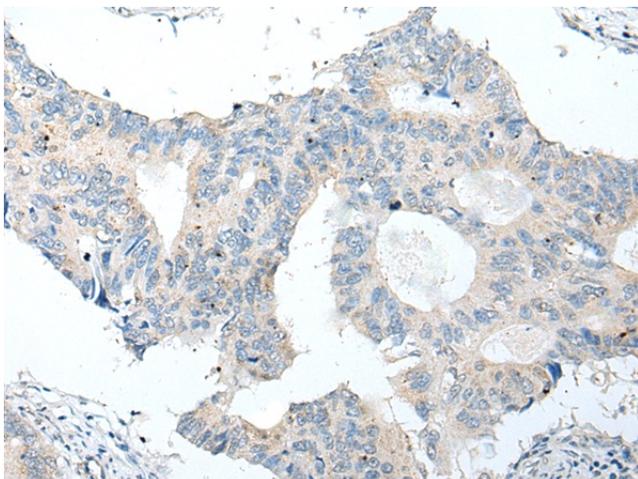
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 20-100 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ALPK2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	alpha kinase 2
Database Link:	Entrez Gene 115701 Human Q86TB3

Background: The phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions in eukaryotes, including cell division, homeostasis and apoptosis. α -protein kinase 2, also known as ALPK2 or HAK (Heart α -protein kinase), is a 2,170 amino acid member of the protein kinase superfamily and contains one α -type protein kinase domain and one Ig-like domain. Expressed at higher levels in heart tissue, α -protein kinase 2 recognizes and phosphorylates specific phosphorylation sites that are surrounded by peptides which have an α -helical conformation, possibly playing a role in vesicle trafficking.

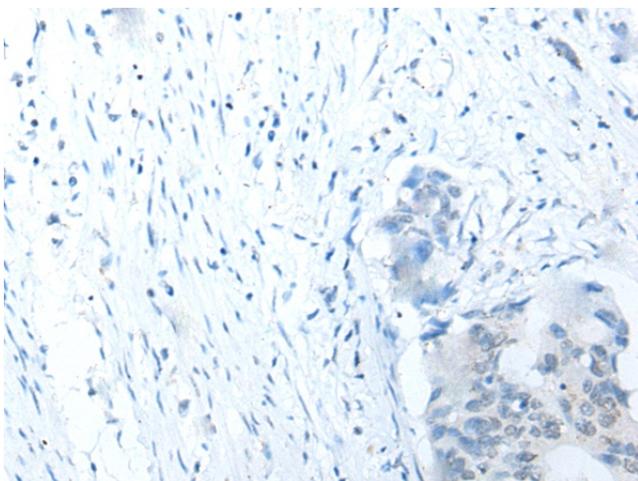
Synonyms: FLJ34875; FLJ43253; HAK



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Product images:

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA371848] (ALPK2 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA371848] (ALPK2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)