

Product datasheet for **TA368805**

DUSP10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DUSP10
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	dual specificity phosphatase 10
Database Link:	Entrez Gene 11221 Human Q9Y6W6

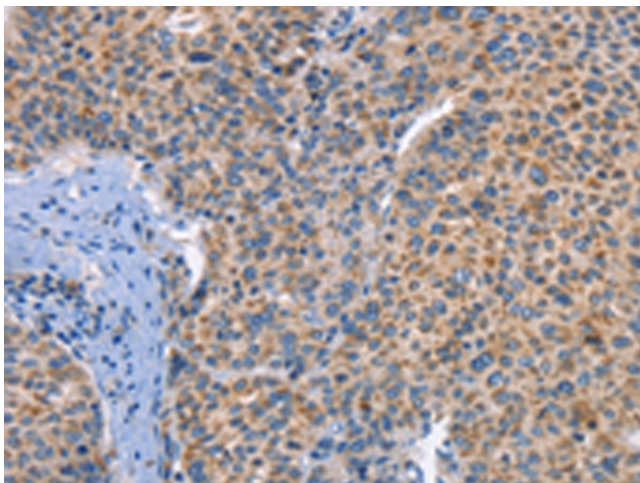
Background: Dual specificity protein phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the MAPK superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of this family of dual specificity phosphatases show distinct substrate specificities for MAPKs, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product binds to and inactivates p38 and SAPK/JNK, but not MAPK/ERK. Its subcellular localization is unique; it is evenly distributed in both the cytoplasm and the nucleus.



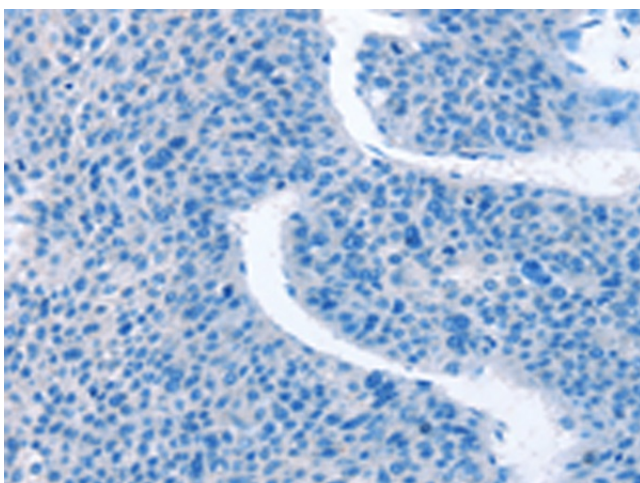
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Synonyms: MKP-5; MKP5

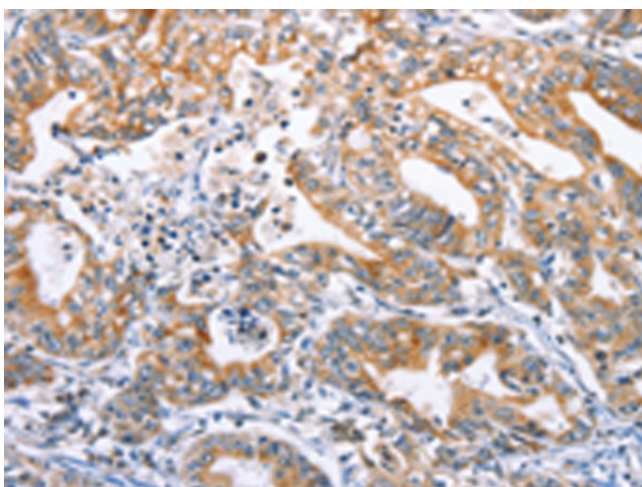
Product images:



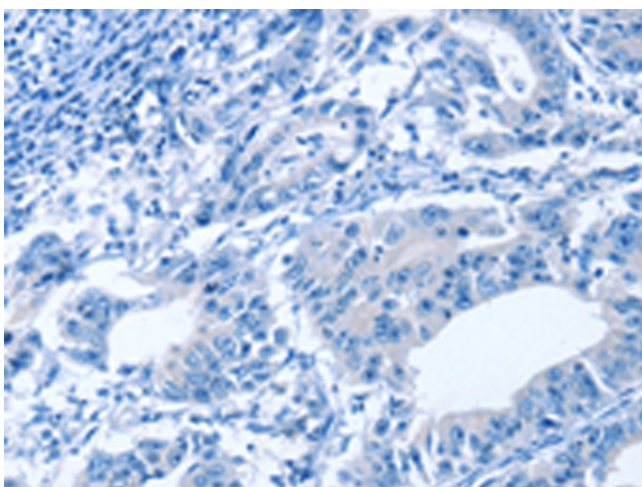
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA368805 (DUSP10 Antibody) at dilution 1/25 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA368805 (DUSP10 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368805 (DUSP10 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368805 (DUSP10 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)