

Product datasheet for **TA365719S**

DAK (TKFC) Rabbit Polyclonal Antibody

Product data:

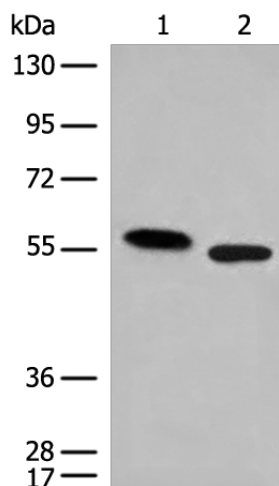
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HepG2 and A549 cell lysates IHC: 20-100 Positive control: Human ovarian cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TKFC
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	59 kDa
Gene Name:	triokinase and FMN cyclase
Database Link:	Entrez Gene 26007 Human Q3LXA3

Background: This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined.

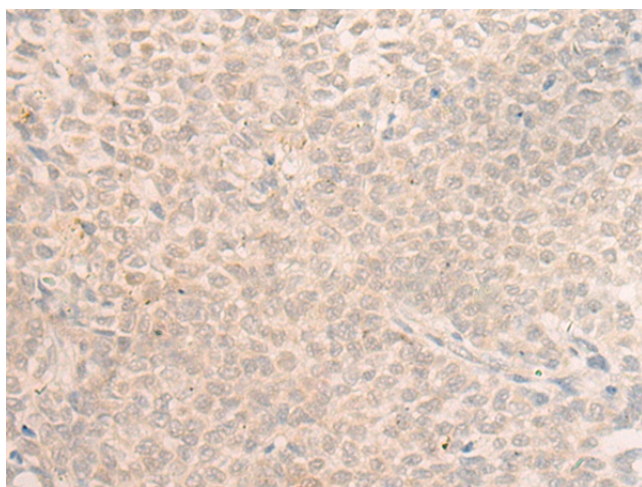


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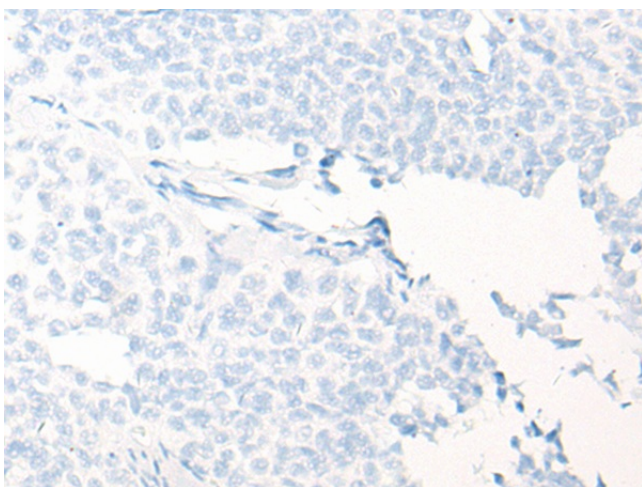
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: HepG2 and A549 cell lysates
Primary antibody: [TA365719] (TKFC Antibody) at dilution 1/550
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA365719] (TKFC Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA365719] (TKFC Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)