

For Research Use Only

KLHL7 Polyclonal antibody, PBS Only

Catalog Number: 32697-1-PBS



Basic Information

Catalog Number: 32697-1-PBS	GenBank Accession Number: BC039585	Purification Method: Antigen affinity Purification
Concentration: 1 mg/ml	GeneID (NCBI): 55975	
Source: Rabbit	UNIPROT ID: Q8IXQ5	
Isotype: IgG	Full Name: kelch-like 7 (Drosophila)	
Immunogen Catalog Number: AG38050	Calculated MW: 586 aa, 66 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

KLHL7 (Kelch-like protein 7) is a member of the Kelch-like protein family and plays significant roles in various biological processes, including cell cycle regulation, protein degradation, and cytoskeleton organization. KLHL7 is highly expressed in various cancers and is associated with malignant progression and poor prognosis. In breast cancer, high expression of KLHL7 is linked to higher histological grades, estrogen receptor (ER)-negative or human epidermal growth factor receptor 2 (HER-2)-positive tumors, and triple-negative breast cancer (TNBC), and patients with high KLHL7 expression have shorter survival times. In gastric cancer, silencing KLHL7 gene expression can inhibit the proliferation, migration, and invasion of gastric cancer cells and has shown tumor-suppressive effects in vivo models. Moreover, KLHL7 is highly expressed in colorectal cancer and ovarian cancer, among others, and is significantly associated with low patient survival rates.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

For technical support and original validation data for this product please contact:

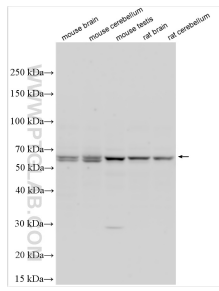
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32697-1-AP (KLHL7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32697-1-PBS in a different storage buffer formulation.