

For Research Use Only

ALDOA Recombinant antibody

Catalog Number: 80837-1-RR



Basic Information

Catalog Number: 80837-1-RR	GenBank Accession Number: BC016800	Purification Method: Protein A purification
Size: 250 µg/ml	GeneID (NCBI): 226	CloneNo.: 2F4
Source: Rabbit	UNIPROT ID: P04075	Recommended Dilutions: WB 1:1000-1:5000 IF 1:50-1:500
Isotype: IgG	Full Name: aldolase A, fructose-bisphosphate	
Immunogen Catalog Number: AG1726	Calculated MW: 39 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications:
IF/ICC, WB, ELISA

Species Specificity:
Human, Mouse, Pig, rat

Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, NIH/3T3 cells, 4T1 cells, HSC-T6 cells, pig liver tissue, pig skeletal muscle tissue

IF : HeLa cells,

Background Information

ALDOA (Fructose-bisphosphate aldolase A) is also named as lung cancer antigen NY-LU-1, muscle-type aldolase, ALDA and belongs to the class I fructose-bisphosphate aldolase family. The ALDOA gene encodes a homotetrameric protein (PMID:14615364). It is found in skeletal muscle and red blood cells, and functions in glycolysis, promoting the reversible cleavage of FBP to triose phosphate, G-3-P and DHAP. ALDOA is upregulated in various cancers, including human lung squamous and renal cell carcinomas (PMID:19937139).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

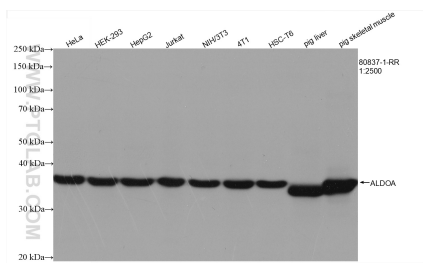
T: 4006900926

E: Proteintech-CN@ptglab.com

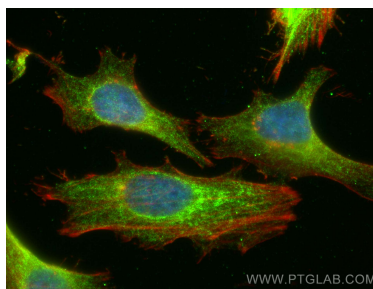
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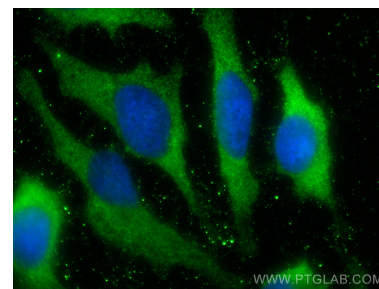
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80837-1-RR (ALDOA antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ALDOA antibody (80837-1-RR, Clone: 2F4) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using ALDOA antibody (80837-1-RR, Clone: 2F4) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).