

UTRN Polyclonal antibody

Catalog Number: 27948-1-AP

Basic Information

Catalog Number: 27948-1-AP	GenBank Accession Number: NM_007124	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7402	Recommended Dilutions: WB 1:500-1:2000 IHC 1:1000-1:4000
Source: Rabbit	Full Name: utrophin	
Isotype: IgG	Calculated MW: 395 kDa	
Immunogen Catalog Number: AG27497	Observed MW: 394 kDa, 70 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human	WB : HeLa cells, HepG2
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon tissue,

Background Information

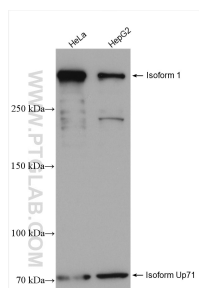
Utrophin is a large protein (395 kDa) which is widely expressed and most abundant in several non-skeletal muscle tissues, for example lung, intestine, embryonic neural tube, sensory ganglia, tendons and ossifying cartilages. Two alternate intronic transcripts of utrophin have been described: Up71 and Up140.

Storage

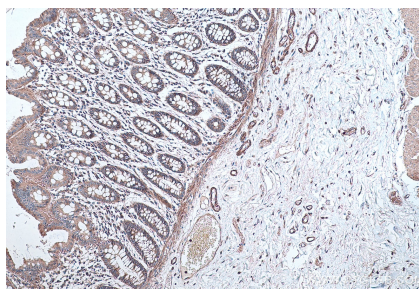
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

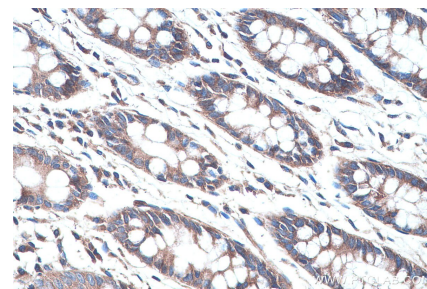
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27948-1-AP (UTRN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27948-1-AP (UTRN antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27948-1-AP (UTRN antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).