

UTRO Polyclonal Antibody

Cat No: HR1AP11563

For research use only

Overview

Product Name	UTRO Polyclonal Antibody
Source	Rabbit
Applications	IHC-p
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	377kDa
GeneID?Human?	UTRN DMDL DRP1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>utrophin(UTRN) Homo sapiens This gene shares both structural and functional similarities with the dystrophin gene. It contains an actin-binding N-terminus, a triple coiled-coil repeat central region, and a C-terminus that consists of protein-protein interaction motifs which interact with dystroglycan protein components. The protein encoded by this gene is located at the neuromuscular synapse and myotendinous junctions, where it participates in post-synaptic membrane maintenance and acetylcholine receptor clustering. Mouse studies suggest that this gene may serve as a functional substitute for the dystrophin gene and therefore, may serve as a potential therapeutic alternative to muscular dystrophy which is caused by mutations in the dystrophin gene. Alternative splicing of the utrophin gene has been described; however, the full-length nature of these variants has not yet been determined. [provided by RefSeq, Jul 2008],</p>