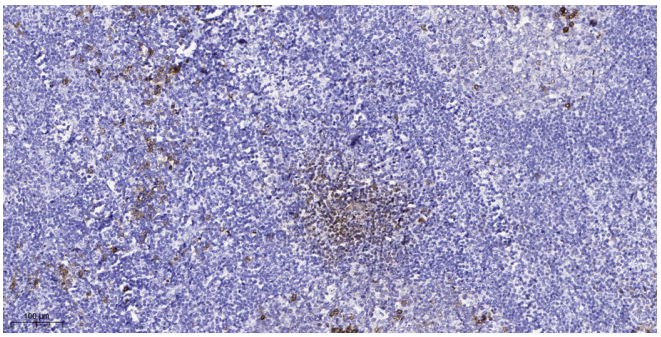
UTRO Polyclonal Antibody

Catalog No	YP-Ab-06376
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF
Gene Name	UTRN DMDL DRP1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UTRO Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DMDL;DRP;DRP 1;DRP1;Dystrophin related protein 1;UTRN;utrophin;UTRO; UTRN DMDL DRP1;Utrophin (Dystrophin-related protein 1) (DRP-1)
Observed Band	377kD
Calculated Molecular Weight	377kD
Cell Pathway	Cell junction, synapse, postsynaptic cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton. Neuromuscular junction.
Tissue Specificity	Isoform 1 has high expression in muscle. Isoforms Up70 and Up140 were found in all the adult and fetal tissues tested and relatively abundant in lung and kidney.
Function	function:May play a role in anchoring the cytoskeleton to the plasma membrane., online information:Utrophin entry,similarity:Contains 1 WW domain., similarity:Contains 1 ZZ-type zinc finger.,similarity:Contains 2 CH (calponin-homology) domains.,similarity:Contains 20 spectrin repeats.,subcellular location:Neuromuscular junction.,subunit:Interacts with the syntrophins SNTA1; SNTB1 and SNTB2. Interacts with SYNM.,tissue specificity:Muscle.,
Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).