

## Anti-Puratrophin 1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 131 kDa. Actual: 131 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Puratrophin 1) Polyclonal Antibody, Unconjugated (TMAB-11948) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
	2. Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Puratrophin 1) Polyclonal Antibody, Unconjugated (TMAB-11948) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
	3. Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-Puratrophin 1 (TMAB-11948) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 131 kD Observed band size: 131 kD
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Puratrophin 1/PLEKHG4
Antigen Species:	Human
Gene ID:	25894
Uniprot ID:	Q58EX7

## Research Background

The protein encoded by this gene contains multiple domains suggestive of a role in intracellular signaling and cytoskeleton dynamics at the Golgi apparatus. Mutations in this gene are associated with spinocerebellar ataxia

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16q22-linked. Several alternatively spliced transcript variants, differing only in the 5' UTR, or encoding a different isoform, have been found for this gene. [provided by RefSeq, Jul 2008]

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