

Puratrophin 1 Rabbit pAb

CatalogNo: YT3908

Key Features

Host Species

- Rabbit

Reactivity

- Human, Monkey

Applications

- WB, IHC, IF, ELISA

MW

- 135kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:20000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human PLEKHG4. AA range:654-703

Specificity Puratrophin 1 Polyclonal Antibody detects endogenous levels of Puratrophin 1 protein.

Target Information

Gene name PLEKHG4

Protein Name Puratrophin-1

Organism	Gene ID	UniProt ID
Human	25894 ;	Q58EX7 ;

Tissue specificity Expressed in kidney, Leydig cells in the testis, epithelial cells in the prostate gland and Langerhans islet in the pancreas. Isoform 1 and isoform 3 are strongly expressed in Purkinje cells and to a lower extent in other neurons (at protein level). Widely expressed at low levels. More strongly expressed in testis and pancreas.

Function Disease:Defects in PLEKHG4 are the cause of spinocerebellar ataxia 16q22-linked (SCA16q22) [MIM:117210]; also known as pure spinocerebellar ataxia Japanese type or SCA4 pure Japanese type. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA16q22 belongs to the autosomal dominant cerebellar ataxias type III (ADCA III) which are characterized by pure cerebellar ataxia without additional signs.,Function:Possible role in intracellular signaling and cytoskeleton dynamics at the Golgi.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,tissue specificity:Expressed in kidney, Leydig cells in the testis, epithelial cells in the prostate gland and Langerhans islet in the pancreas. Isoform 1 and isoform 3 are strongly expressed in Purkinje cells and to a lower extent in other neurons (at protein level). Widely expressed at low levels. More strongly expressed in testis and pancreas.,

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
Puratrophin 1
Rabbit pAb

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