C1QT5 Rabbit pAb

CatalogNo: YN2191

Key Features

Host Species
- Rabbit

Reactivity
- Human,Rat,Mouse

Applications
- WB,ELISA

MW
- 26kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from part region of human protein
Specificity	C1QT5 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	C1QTNF5 CTRP5 UNQ303/PRO344

Protein Name Complement C1q tumor necrosis factor-related protein 5

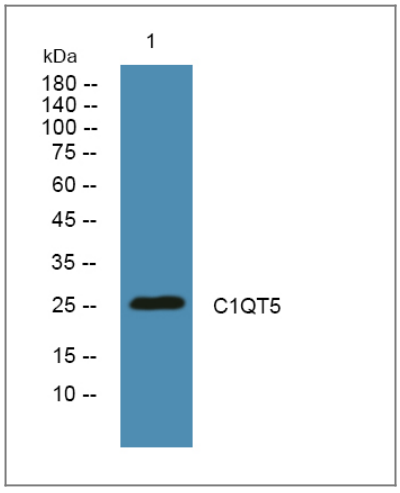
Organism	Gene ID	UniProt ID
Human	114902;	Q9BXJ0;
Mouse		Q8K479;
Rat		Q5FVH0;

Cellular Localization Secreted .

Tissue specificity Brain,Fetal brain,Uterus,

Function developmental stage:Expressed in fetal brain.,Disease:Defects in C1QTNF5 are a cause of late-onset retinal degeneration (LORD) [MIM:605670]. LORD is an autosomal dominant disorder characterized by onset in the fifth to sixth decade with night blindness and punctate yellow-white deposits in the retinal fundus, progressing to severe central and peripheral degeneration, with choroidal neovascularization and chorioretinal atrophy.,Disease:Defects in MFRP are the cause of microphthalmia MFRP-related (MCOPMFRP) [MIM:611040]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues. Ocular abnormalities like opacities of the cornea and lens, scaring of the retina and choroid, cataract and other abnormalities like cataract may also be present. MCOPMFRP is characterized by posterior microphthalmia, retinitis pigmentosa, foveoschisis and optic disc drusen.,Disease:Defects in MFRP are the cause of nanophthalmos 2 (NNO2) [MIM:609549]. NNO2 is a rare autosomal recessive disorder of eye development characterized by extreme hyperopia and small functional eyes.,Function:May play a role in eye development.,similarity:Contains 1 C1q domain.,similarity:Contains 1 collagen-like domain.,similarity:Contains 1 FZ (frizzled) domain.,similarity:Contains 2 CUB domains.,similarity:Contains 2 LDL-receptor class A domains.,tissue specificity:Specifically expressed in brain. Strongly expressed in medulla oblongata and to a lower extent in hippocampus and corpus callosum. Expressed in keratinocytes.,

Validation Data



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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