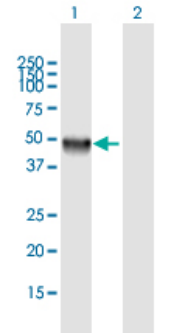
MaxPab®

CLN5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001203-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CLN5 expression in transfected 293T cell line (H00001203-T01) by CLN5 MaxPab polyclonal antibody.

Lane 1: CLN5 transfected lysate(44.77 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CLN5 protein.
Immunogen	CLN5 (AAI53155.1, 1 a.a. ~ 407 a.a) full-length human protein.
Sequence	MRRNLRLGPSSGADAQGQGAPRPGLAAPRMLLPPASQASRGSGSTGCSLMAQEVDTAQGAEM RRGAGAARGRASWCWALALLWLAVVPGWSRVSGIPSRRHWPVPYKRFDFRPKPDPYCQAKYT FCPTGSPIPVMEGDDDIEVFRLQAPVWEFKYGDLLGHLKIMHDAIGFRSTLTGKNYTMEWYELFQL GNCTFPHLRPEMDAPFWCNQGAACFFEGIDDVHWKENGTLVQVATISGNMFNQMAKWVKQDN ETGIYYETWNVKASPEKGAETWFDSYDCSKFVLRTFNKLAEFGAEFKNIETNYTRIFLYSGEPTYLG NETSVFGPTGNKTLGLAIKRFYYPFKPHLPTKEFLLSLLQIFDAVIVHKQFYLFYNFEYWFLPMKFPFI KITYEEIPLPIRNKTLSGL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — CLN5

Entrez GeneID	1203
GeneBank Accession#	BC153154.1
Protein Accession#	AAI53155.1
Gene Name	CLN5
Gene Alias	FLJ90628, NCL
Gene Description	ceroid-lipofuscinosis, neuronal 5
Omim ID	256731 608102
Gene Ontology	Hyperlink
Gene Summary	This gene is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegen erative disorders affecting children. The genes responsible likely encode proteins involved in the degradation of post-translationally modified proteins in lysosomes. The primary defect in NCL dis orders is thought to be associated with lysosomal storage function
Other Designations	OTTHUMP00000018521

Publication Reference

- CLN5 in Heterozygosis May Protect Against the Development of Tumors in a VHL Patient.

  Isabel de Rojas-P, Virginia Albiñana, Lucía Recio-Poveda, Amanda Rodriguez-Rufián, Ángel M Cuesta, Luisa-María Botella.

  Orphanet Journal of Rare Diseases 2020 Jun; 15(1):132.

  Application: WB-Ce, Human, HB cells

Pathway

- Lysosome

Disease

- Neuronal Ceroid-Lipofuscinoses