

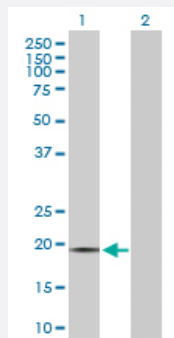
MaxPab®

OPA3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00080207-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OPA3 expression in transfected 293T cell line by OPA3 MaxPab polyclonal antibody.

Lane 1: OPA3 transfected lysate(19.69 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human OPA3 protein.
Immunogen	OPA3 (NP_079412, 1 a.a. ~ 179 a.a) full-length human protein.
Sequence	MVVGAFPMAKLLYLGIQVSKPLANRIKEAARRSEFFKTYICLPPAQLYHWVEMRTKMRIMGFRGT VIKPLNEEAAAELGAELLGEATIFVGGGCLVLEYWRHQAQQRHKEEQRAAWNLRDEVGHLAL ALEALQAQVQAAPPQGALEELRTELQEVRAQLCNPGRSASHAVPASKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85)
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.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — OPA3

Entrez GeneID [80207](#)

GeneBank Accession# [NM_025136](#)

Protein Accession# [NP_079412](#)

Gene Name OPA3

Gene Alias FLJ22187, FLJ25932, MGA3, MGC75494

Gene Description optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)

Omim ID [165300](#) [258501](#) [606580](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations OPA3 protein|Optic atrophy 3 (Iraqi-Jewish 'optic atrophy plus')

Publication Reference

- [Mitochondrial localization and ocular expression of mutant Opa3 in a mouse model of 3-methylglutaconicaciduria type III.](#)

Powell KA, Davies JR, Taylor E, Wride MA, Votruba M.

Investigative Ophthalmology & Visual Science 2011 Jun; 52(7):4369.

Application: IF, WB-Ti, Mouse, Lens, Embryonic fibroblast cells

Disease

- [Leber hereditary optic neuropathy](#)
- [Optic Atrophies](#)
- [Optic Atrophy](#)
- [Retinal Diseases](#)