

MaxPab®

BEST3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00144453-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human BEST3 protein.
Immunogen	BEST3 (AAH28087.1, 1 a.a. ~ 268 a.a) full-length human protein.
Sequence	MTTDERKLFNHLKSPHLKYWVPFIWFGNLATKARNEGRIRDSVDLQSLMTEMNRYRSWCSSLFGY DWVGIPLVYTQVAEQLNPFGEDDDDFETNWCIDRNLQVSL LAVDEM HMSLPKMKKDIWDDSA ARPPYTLAAADYCIPSFLGSTVQMGLSGSDFPDEEWLWDYEKHGHRHSMIRRVKRFLSAHEHPS SPRRRSYRRQTSDSSMFLPRDDLSPARDLLDVPSRNPPRASPTWKKSCFPEGSPTLHFSGEL STIRETSQTSTL
Host	Mouse
Reactivity	Human
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)

[Protocol Download](#)

Gene Info — BEST3

Entrez GeneID	144453
GeneBank Accession#	BC028087.1

Protein Accession#	AAH28087.1
Gene Name	BEST3
Gene Alias	MGC13168, MGC40411, VMD2L3
Gene Description	bestrophin 3
Omim ID	607337
Gene Ontology	Hyperlink
Gene Summary	BEST3 belongs to the bestrophin family of anion channels, which includes BEST1 (MIM 607854), the gene mutant in vitelliform macular dystrophy (VMD; MIM 153700), and 2 other BEST1-like genes, BEST2 (MIM 607335) and BEST4 (MIM 607336). Bestrophins are transmembrane (TM) proteins that share a homology region containing a high content of aromatic residues, including an invariant arg-phe-pro (RFP) motif. The bestrophin genes share a conserved gene structure, with almost identical sizes of the 8 RFP-TM domain-encoding exons and highly conserved exon-intron boundaries. Each of the 4 bestrophin genes has a unique 3-prime end of variable length (Stohr et al., 2002 [PubMed 12032738]; Tsunenari et al., 2003 [PubMed 12907679]).[supplied by OMIM]
Other Designations	vitelliform macular dystrophy 2-like 3