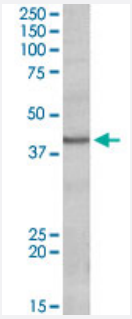
POU4F3 polyclonal antibody

Catalog # PAB19005 Size 100 ug

Applications



Western Blot (Tissue lysate)

POU4F3 polyclonal antibody (Cat # PAB19005, 0.2 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of POU4F3.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human POU4F3.
Sequence	C-EAAYREKNSKPE
Host	Goat
Theoretical MW (kDa)	40
Reactivity	Human, Mouse
Specificity	This antibody is expected not to cross-react to the similar POU4F1 and POU4F2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western Blot (0.2-0.6 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — POU4F3

Entrez GeneID	5459
Protein Accession#	NP_002691.1
Gene Name	POU4F3
Gene Alias	BRN3C, DFNA15, MGC138412
Gene Description	POU class 4 homeobox 3
Omim ID	602459 602460
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the POU-domain family of transcription factors. POU-domain pr oteins have been observed to play important roles in control of cell identity in several systems. Thi s protein is found in the retina and may play a role in determining or maintaining the identities of a small subset of visual system neurons. Defects in this gene are the cause of non-syndromic senso rineural deafness autosomal dominant type 15. [provided by RefSeq
Other Designations	POU domain, class 4, transcription factor 3