POU6F2 rabbit monoclonal antibody

Catalog # H00011281-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POU6F2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human POU6F2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human POU6F2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — POU6F2

Entrez GeneID	11281
GeneBank Accession#	POU6F2
Gene Name	POU6F2
Gene Alias	RPF-1, WT5, WTSL
Gene Description	POU class 6 homeobox 2
Omim ID	601583 609062
Gene Ontology	Hyperlink
Gene Summary	POU6F2 is a member of a gene family characterized by the presence of a bipartite DNA-binding domain, consisting of a POU-specific domain and a POU heterodomain, separated by a variable polylinker. POU domain family members are transcriptional regulators, many of which show highly restricted patterns of expression and are known to control cell type-specific differentiation pathwa ys (see review by Phillips and Luisi, 2000 [PubMed 11183772]).[supplied by OMIM
Other Designations	POU domain, class 6, transcription factor 2|Wilms tumor suppressor locus|retina-derived POU-do main factor-1

Disease

- Tobacco Use Disorder