

DNAxPAb

Hard-to-Find  
Antibody

# PUM1 DNAxPab

Catalog # H00009698-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human PUM1 DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence** MSVACVLKRKAVLWQDSFSPHLKHHQPANPNMPVVLTS GTGSQAQPQPAANQALAAGTHS  
SPVPGSIGVAGRSQDDAMVDYFFQRQHGEQLGGGGSGGGGYNSKHRWPTGDNHAEHQVRS  
MDELNHDFQALALEGRAMGEQLLP GK KFWETDESSKDGP KGIFLGDQWRDSAWGTSDHSVSQ  
PIMVQRRPGQSFHVNSEVNSVLS PRSESGGLGVSMVEYVLS SSPGDSCLRKG GFGPRDADSDE  
NDKGEKKNKGTFDGDKL GDLKEEGDVM DKTNGLPVQNGIDADVKDFSRTPGNCQNSANEVDLL  
GPNQNGSEGLAQLTSTNGAKPVEDFSNMESQSVPLDPMEHV GMEPLQFDYSGTQVPVDSAAA  
TVGLFDYNSQQQLFQRPNALAVQQLTAAQQQQYALAAAHQPHIGLAPAAFV PNPYISAAPP GTDP  
YTAGLAAAAATLGP AVVPHQYYGVTPWGVYPASLFQQQAAAAAATNSANQQTTPQAQQGQQQV  
LRGGASQRPLTPNQNQGGQQT DPLVAAAAVNSALAFGQGLAAGMPGYPVLAPAAYYDQTGALV  
VNAGARNGLGAPVRLVAPAPVISSSAAQA AVAAAAASANGAAGGLAGTTNGPFRPLGTQQPQP  
QPQQQPNNNLASSSFYGNNSLNSNSQSSSLFSQGS AQPANTSLGFGSSSSSLGATLGSALGGFG  
TAVANSNTGSGSRRDSL TGSSDLYKRTSSSLTPIGHSFYNGLSFSSSPGPVGMPLPSQGP GHSQ  
TPPPSLSSHGSSSSSLNLGGLTNGSGRYISAAPGA EAKYRSASSASSL FSPSSTLFSSSRLRYGMS  
DVMPSGRSRLLED FRNNRYPNLQLREIAGHIMEFSQDQHGS RFIQLKLERATPAERQLVFNEILQA  
AYQLMVDVFGNYVIQKFFEFGSLEQKLALAEIRGHVLSLALQMYGCRVIQKALEFIPSDQQNEMV  
RELDGHVLKCVKDQNGNHVVQKCIECVQPQSLQFIIDAFKGQVFALSTHPYGCRVIQRILEHCLPD  
QTLPILEELHQHTEQLVQDQYGNVVIQHVLEHGRPEDKSKVAEIRGNVLVLSQHKFASNVVEKCV  
THASRTERAVLIDEVCTMNDGPHSALYTMMKDQYANYVVQKMIDVAEPGQRKIVMHKIRPHIATLR  
KYTYGKHILAKLEKYYMKNGVDLGPICGPPNGII

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**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](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — PUM1

Entrez GeneID [9698](#)

GeneBank Accession# [NM\\_014676.2](#)

Protein Accession# [NP\\_055491.1](#)

Gene Name PUM1

Gene Alias HSPUM, KIAA0099, PUMH, PUMH1, PUM1

Gene Description pumilio homolog 1 (Drosophila)

Omim ID [607204](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of Drosophila and the fem-3 mRNA binding factor proteins of C. elegans. The encoded protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of the encoded protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

**Other Designations** OTTHUMP00000003892|pumilio 1

## Disease

- [Tobacco Use Disorder](#)