

DNAxPAb

Hard-to-Find
Antibody

BYSL DNAxPab

Catalog # H00000705-W01P

Size 200 ug

Specification

| | |
|-------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against a full-length human BYSL DNA using DNAx™ Immune technology. |
| Technology | DNAx™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MPKFKAARGVGGQEKHAPLADQILAGNAVRAGVREKRRGRGTGEAEEEEYVGPRLSRRILQQARQ QQUELEAEHGTGDKPAAPRERTTRLGPRMPQDGSDDDEEWPTLEKAATMTAAGHHAEEVVVD PEDERAIEFMNKNPPARRTLADIIMEKLTEKQTEVETVMSEVSGFPMPLDPRVLEVYRGVREV LSKYRSGKLPKAFKIIPALSNWEQILYVTEPEAWTAAAMYQATRIFASNLKERMAQRFYNLVLLPRV RDDVAEYKRLNFHLYMALKKALFKPGAWFKGILPLCESGTCTLREAIIVGSIITKCSIPVLHSSAAML KIAEMEYSGANSIFLRLLLDKKYALPYRVLDAVLFHFLGFRTEKRELPLVWHQCLLTLVQRYKADLA TDQKEALLELLRLQPHPQLSPEIRRELQSAVPRDVEDVPITVE |
| 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 — BYSL

Entrez GeneID [705](#)

GeneBank Accession# [NM_004053.3](#)

Protein Accession# [NP_004044.3](#)

Gene Name BYSL

Gene Alias BYSTIN

Gene Description bystin-like

Omim ID [603871](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Bystin is expressed as a 2-kb major transcript and a 3.6-kb minor transcript in SNG-M cells and in human trophoblastic teratocarcinoma HT-H cells. Protein binding assays determined that bystin binds directly to trophinin and tastin, and that binding is enhanced when cytokeratins 8 and 18 are present. Immunocytochemistry of HT-H cells showed that bystin colocalizes with trophinin, tastin, and the cytokeratins, suggesting that these molecules form a complex in trophoctoderm cells at the time of implantation. Using immunohistochemistry it was determined that trophinin and bystin are found in the placenta from the sixth week of pregnancy. Both proteins were localized in the cytoplasm of the syncytiotrophoblast in the chorionic villi and in endometrial decidual cells at the uteroplacental interface. After week 10, the levels of trophinin, tastin, and bystin decreased and then disappeared from placental villi. [provided by RefSeq]

Other Designations OTTHUMP00000039776|by the ribosomal protein s6 gene, drosophila, homolog-like|bystin

Disease

- [Kidney Failure](#)