

DNAxPAb

Hard-to-Find  
Antibody

# KATNA1 DNAxPAb

Catalog # H00011104-W01P      Size 200 ug

## Specification

|                                |                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against a full-length human KATNA1 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                |
| <b>Technology</b>              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>               | Full-length human DNA                                                                                                                                                                                                                                                                                                                  |
| <b>Sequence</b>                | MSLLMISENVKLAREYALLGNYDSAMVYYQGVLDQMKNKYLSVKDTYLQQKWQQVWQEINVEAK<br>HVKDIMKTLESFKLDSTPLKAAQHDLPA SEGEVWSMPVPVERRPSPGPRKRQSSQYSDPKSHG<br>NRPSTTVRVHRSSAQNVHNDRGKAVRCREKKEQNKGREEKGVL MVGPPGTGKTLLAKAVATEC<br>KTTFFNVSSSTLTSKYRGESEKLVRLLFEMARFYSPATIFIDEIDSICSRRTSEEHEASRRVKAELL<br>VQMDGVGGTSENDDPSKMVMVLAATNFPWDIDEALRRRLEKRYPLPSGMRP |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>            | Protein A                                                                                                                                                                                                                                                                                                                              |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Instruction</b>     | 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 — KATNA1

**Entrez GeneID** [11104](#)**GeneBank Accession#** [BC050428.1](#)**Protein Accession#** [AAH50428.1](#)**Gene Name** KATNA1**Gene Alias** -**Gene Description** katanin p60 (ATPase-containing) subunit A 1**Omim ID** [606696](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. This gene encodes the p80 subunit. This protein is a member of the AAA family of ATPases. [provided by RefSeq]

**Other Designations** OTTHUMP00000017392|katanin p60 subunit A 1