

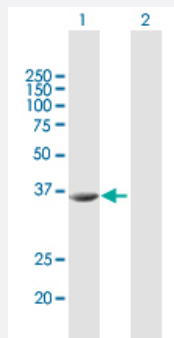
MaxPab®

# STRADA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00092335-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of STRADA expression in transfected 293T cell line ([H00092335-T01](#)) by STRADA MaxPab polyclonal antibody.

Lane 1: LYK5 transfected lysate(38.28 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human STRADA protein.
Immunogen	STRADA (NP_699166.2, 1 a.a. ~ 348 a.a) full-length human protein.
Sequence	MSFLTNDASSESIASFQEVMSFLPEGGCYELLTVIGKGFEDLMTVNLARYKPTGEYVTVRRIN LEACSNEMVTFLQGELHVSFLFNHPNIVPYRATFIADNELWVVTSFMAYGSAKDLICHTFMDGMN ELAIAYILQGVLKALDYIHHMGYVHRSVKASHILISVDGKVYLSGLRSNLSMISHGQRQRVVHDFPKY SVKVLPLWLSPEVLQQNLQGYDAKSDIYSGITACELANGHVPFKDMPATQMLLEKLNGTVPCLLD TSTIPAEELTMSPSRSVANSGLSDSLTTSTPRPSNGDSPSHPHYRTFSPHFHHFVEQCLQRNPDA RYPGWPGPLRESRGCSGG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94)
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.

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[Protocol Download](#)

## Gene Info — STRADA

Entrez GeneID [92335](#)

GeneBank Accession# [NM\\_153335.4](#)

Protein Accession# [NP\\_699166.2](#)

Gene Name STRADA

Gene Alias FLJ90524, LYK5, NY-BR-96, PMSE, STRAD, Stlk

Gene Description STE20-related kinase adaptor alpha

Omim ID [608626 611087](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene contains a STE20-like kinase domain, but lacks several residues that are critical for catalytic activity, so it is termed a 'pseudokinase'. The protein forms a heterotrimeric complex with serine/threonine kinase 11 (STK11, also known as LKB1) and the scaffolding protein calcium binding protein 39 (CAB39, also known as MO25). The protein activates STK11 leading to the phosphorylation of both proteins and excluding STK11 from the nucleus. The protein is necessary for STK11-induced G1 cell cycle arrest. A mutation in this gene has been shown to result in polyhydramnios, megalencephaly, and symptomatic epilepsy (PMSE) syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their full-length nature is not known. [provided by RefSeq]

**Other Designations** STE20-like pseudokinase|STE20-related adaptor protein|protein kinase LYK5

## Pathway

- [mTOR signaling pathway](#)