

Anti-PASK/STK37 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Mouse (predicted:Human,Rat,Horse) |
| Molecular Weight: | Theoretical: 143 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PASK) Polyclonal Antibody, Unconjugated (TMAB-10003) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining. |
| Application: | IHC-P,IHC-Fr,IF |
| Recommended | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human PASK/STK37 |
| Antigen Species: | Human |
| Gene ID: | 23178 |
| Uniprot ID: | Q96RG2 |

Research Background

This gene encodes a member of the serine/threonine kinase family that contains two PAS domains. Expression of this gene is regulated by glucose, and the encoded protein plays a role in the regulation of insulin gene expression. Downregulation of this gene may play a role in type 2 diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481