

Anti-HIPK3 antibody

Cat. No.	ml261364
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HIPK3 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human HIPK3
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HIPK3
Full name	homeodomain interacting protein kinase 3
Synonyms	PKY; YAK1; DYRK6; FIST3
Swissprot	Q9H422

Target Background

Serine/threonine-protein kinase involved in transcription regulation, apoptosis and steroidogenic gene expression. Phosphorylates JUN and RUNX2. Seems to negatively regulate apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors. The phosphorylation of NR5A1 activates SF1 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. In osteoblasts, supports transcription activation: phosphorylates RUNX2 that synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE).

订购热线: 4008-898-798

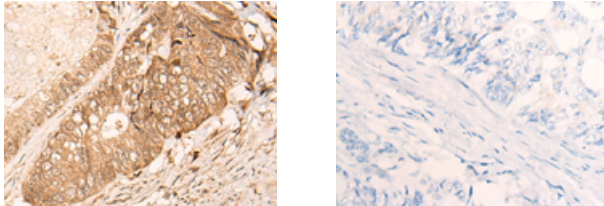
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml261364(HIPK3 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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