



# Anti-MYPT2 (aa 350-450) polyclonal antibody (CABT-BL6365)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Specificity	detects MYPT2 at ~110 kDa
Immunogen	human, MYPT2 (residues 350-450) [GST-tagged]
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Purification	affinity-purified using immobilized immunogen
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	phosphate-buffered saline
Preservative	None
Storage	12 months at -20°C; aliquot as required

## BACKGROUND

Introduction	Myosin phosphatase is a protein complex comprised of three subunits: a catalytic subunit (PP1c-delta, protein phosphatase 1, catalytic subunit delta), a large regulatory subunit (MYPT,
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myosin phosphatase target) and small regulatory subunit (sm-M20). Two isoforms of MYPT have been isolated--MYPT1 and MYPT2, the first of which is widely expressed, and the second of which may be specific to heart, skeletal muscle, and brain. Each of the MYPT isoforms functions to bind PP1c-delta and increase phosphatase activity. This locus encodes both MYTP2 and M20. Alternatively spliced transcript variants encoding different isoforms have been identified. Related pseudogenes have been defined on the Y chromosome. [provided by RefSeq, Oct 2011]

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## GENE INFORMATION

Entrez Gene ID	<a href="#">4660</a>
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UniProt ID	<a href="#">O60237</a>
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