

## CAB17510

### Product Information

<b>Product SKU:</b>	CAB17510	<b>Gene ID:</b>	4660	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

### Additional Information

<b>Observed MW:</b>	110kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	110kDa	<b>Isotype:</b>	IgG

### Immunogen Information

<b>Background:</b>	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, 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.
<b>Recommended Dilution:</b>	WB, 1:500 - 1:2000
<b>Synonyms:</b>	MYPT2; PP1bp55; PPP1R12B
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 660-930 of human PPP1R12B (NP_002472.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.