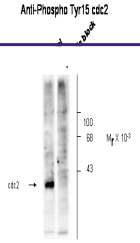
Product Datasheet

Clk2 Antibody (orb1273533)

Description	Clk2 Antibody
Species/Host	Rabbit
Reactivity	Canine, Frog, Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	Cdc2 (Tyr15) polyclonal antibody was raised against a synthetic phosphopeptide corresponding to amino acid residues surrounding the phosphorylated-Tyr15 of human, mouse, rat and xenopus cdc2.
Target	Clk2
Form/Appearance	Liquid
Concentration	batch dependent
Storage	For long term storage –80°C is recommended, but shorter term storage at –20°C is also acceptable as aliquots may be taken without freeze/thawing due to the presence of 50% glycerol. Stable for one year.
Note	For research use only
Application notes	The antibody is purified by sequential chromatography on phospho- and non-phosphopeptide affinity columns. Antibody dilutions and tissue load should be based on tissue type and expected phosphorylation state. Western blots of SK-N-MC total cell extracts with phospho- and non-phosphopeptide competition were used to establish the phospho-specificity of the antibody. Immunolabeling of the Mr 34 kDa cdc2 protein is blocked by the Ser15 phosphopeptide used as antigen but not by the corresponding non-phosphopeptide. Initial recommended range of dilutions: 1:500 to 1:2000. Applications include Dot Blots (DB) and Western Blot (WB). Suitability for Immunohistochemistry (IHC) has not been determined. Drosophila, human, mouse, rat and Xenopus have 100% amino acid sequence identity with the antigen used to raise the antibody. When internally tested under ideal conditions the working dilutions were 1:1000 for DB and WB.
Clonality	Polyclonal
MW	34
Uniprot ID	Q5XI98
NCBI	Q5XI98
Dilution Range	The antibody is purified by sequential chromatography on



Western blot of human T47D cells showing...

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Mr 34 kDa cdc2 protein is blocked by the Ser15