



CCND2 Polyclonal Antibody

Catalog No	E90758	Lot Number	P00009
Applications	IHC IF	Quantity	100ul, 100ug/100ul
Cross-Reactivity	H M R	Calculated MW	32kDa

Immunogen Information

Immunogen	Recombinant protein of human CCND2
Gene ID	894
Swiss Prot	P30279
Synonyms	KIAK0002; MGC102758

Product information

Species	Rabbit
Isotype	IgG
Purity	Affinity purification
Storage	Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

CCND2 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. CCND2 forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. CCND2 has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. High level expression of CCND2 was observed in ovarian and testicular tumors.

Recommended Dilutions

IHC	1:50 – 1:100
IF	1:20 – 1:50