003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

p16 Polyclonal Antibody

Cat #: G-AB-00224

Host: Rabbit **Reactivity:** Human, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
This gene generates several transcript variants which differ in their first exons. At least three alternatively spliced variants encoding distinct proteins have been reported, two of which encode structurally related isoforms known to function as inhibitors of CDK4 kinase. The remaining transcript includes an alternate first exon located 20 Kb upstream of the remainder of the gene; this transcript contains an alternate open reading frame (ARF) that specifies a protein which is structurally unrelated to the products of the other variants. This ARF product functions as a stabilizer of the tumor suppressor protein p53 as it can interact with, and sequester, the E3 ubiquitin-protein ligase MDM2, a protein responsible for the degradation of p53.

Gene ID:

Accession #:

Immunogen: Recombinant Rat Cyclin-dependent kinase inhibitor 2A protein

Conjugation: Unconjugated

Swissprot: Q9R0Z3

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 0.82 mg/mL

Buffer: PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Purification Method: Antigen Affinity Purification

Application: IHC,IF

Dilution: IHC 1:50-1:200 IF 1:100-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.