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Anti-p60 CAF1 Rabbit Monoclonal Antibody

Catalog # ABO15424

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q13112
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-p60 CAF1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	8208
Other Names	Chromatin assembly factor 1 subunit B, CAF-1 subunit B, Chromatin assembly factor I p60 subunit, CAF-I 60 kDa subunit, CAF-I p60, M-phase phosphoprotein 7, CHAF1B (HGNC:1911)
Calculated MW	61493
Application Details	WB 1:1000-1:5000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 20C00
Immunogen	A synthesized peptide derived from human p60 CAF1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CHAF1B (HGNC:1911)

Function	Acts as a component of the histone chaperone complex chromatin assembly factor 1 (CAF-1), which assembles histone octamers onto DNA during replication and repair. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA; histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer.
Cellular Location	Nucleus. Cytoplasm. Note=DNA replication foci. Cytoplasmic in M phase

Images

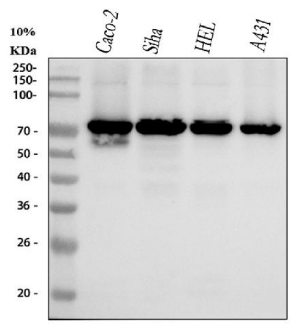

Figure 1. Western blot analysis of p60 CAF1 using anti-p60 CAF1 antibody (M03959-1).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human CACO-2 whole cell lysates,
Lane 2: human SiHa whole cell lysates,
Lane 3: human HEL whole cell lysates,
Lane 4: human A431 whole cell lysates.
After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-p60 CAF1 antigen affinity purified monoclonal antibody (Catalog # M03959-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for p60 CAF1 at approximately 70 kDa. The expected band size for p60 CAF1 is at 61 kDa.