PCAF (Acetyl Lys428) Rabbit pAb

CatalogNo: YK0052

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• WB,IHC

MW	Isotype
• 93kD (Observed)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:50-300

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized acetyl-peptide derived from the human PCAF around the acetylation site of K428.
Specificity	Acetyl-PCAF (K428) Polyclonal AntibodySynthesized peptide derived from the human PCAF around the acetylation site of K428.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):GEkRK

Target Information

Gene name KAT2B

Protein Name Histone acetyltransferase KAT2B

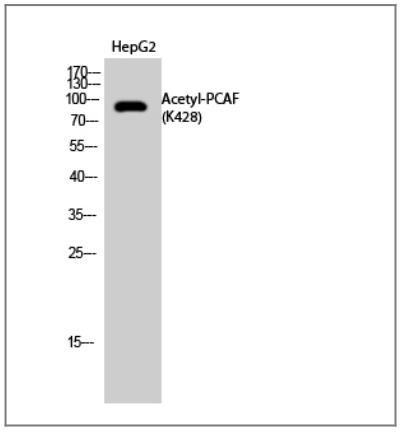
Organism	Gene ID	UniProt ID
Human	8850;	Q92831;
Mouse	18519;	Q9JHD1;

Cellular Localization Nucleus . Cytoplasm , cytoskeleton , microtubule organizing center , centrosome . Cytoplasm . Mainly localizes to the nucleus. Also localizes to centrosomes in late G1 and around the G1/S transition , coinciding with the onset of centriole formation. Subcellular location may vary depending upon cell differentiation state. Cytoplasmic at the very stages of keratinocyte differentiation , becomes nuclear at later differentiation stages. Cytoplasmic in basal epithelial cells (undifferentiated cells) and nuclear in parabasal cells (differentiated cells) (PubMed:20940255) . .

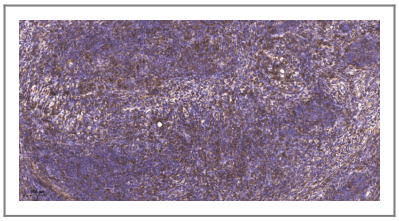
Tissue specificity Ubiquitously expressed but most abundant in heart and skeletal muscle. Also expressed in the skin , in keratinocytes (at protein level) (PubMed:20940255) .

Function chromatin organization , chromatin remodeling , transcription , regulation of transcription , DNA-dependent , protein amino acid acetylation , N-terminal protein amino acid acetylation , cell cycle , cell cycle arrest , negative regulation of cell proliferation , response to endogenous stimulus , response to hormone stimulus , response to organic substance ,chromatin modification , covalent chromatin modification , histone modification , histone acetylation , N-terminal peptidyl-lysine acetylation , peptidyl-lysine modification , peptidyl-lysine acetylation , cell cycle process , N-terminal protein amino acid modification , response to insulin stimulus , cellular response to insulin stimulus , cellular response to hormone stimulus , regulation of cell proliferation , response to peptide hormone stimulus , protein amino acid acylation ,regulation of transcription , regulation of RNA metabolic process , chromosome organization ,

Validation Data



Western Blot analysis of HepG2 cells using Acetyl-PCAF (K428) Polyclonal Antibody. Secondary antibody (catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200 (4℃ overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
PCAF (Acetyl Lys428) Rabbit pAb

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