

Total PCAF Cell-Based Colorimetric ELISA Kit

Catalog No :	KA3350C
Reactivity :	Human;Mouse;Rat
Applications :	ELISA
Gene Name :	KAT2B
Human Gene Id :	8850
Human Swiss Prot No :	Q92831
Mouse Swiss Prot No :	Q9JHD1
Storage Stability :	2-8 °C/6 months
Detection Method :	Colorimetric
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 orga
Subcellular Location :	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). .

Expression :	Ubiquitously expressed but most abundant in heart and skeletal muscle. Also expressed in the skin, in keratinocytes (at protein level) (PubMed:20940255).
Sort :	23074
No4 :	1
Modifications :	Unmodified

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