

Catalog Number	A0411
Synonyms	K13; CK13; WSN2; Cytokeratin 13 (KRT13)
Reactivity	Human,Mouse,Rat
Tested applications	ELISA,WB,IHC-P,IF/ICC
Host species	Rabbit
Background	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described.
Gene Id	3860
Isotype	IgG
Purity	Affinity purification
Swiss Prot	P13646
Recommended dilution	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
CALCULATED MW	50kDa
OBSERVED MW	50kDa
IMMUNOGEN	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Cytokeratin 13 (KRT13) (P13646).
POSITIVE SAMPLES	Mouse lung,Mouse uterus
CELLULAR LOCALIZATION	cytoskeleton,cytosol,extracellular exosome,intermediate filament cytoskeleton,nucleus,keratin filament
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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