

Cytokeratin 15 rabbit pAb

Cat#: orb765000 (Manual)

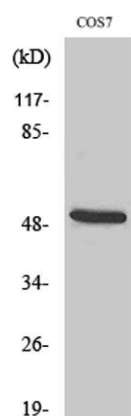
For research use only. Not intended for diagnostic use.

Product Name	Cytokeratin 15 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Keratin 15. AA range:1-50
Specificity	Cytokeratin 15 Polyclonal Antibody detects endogenous levels of Cytokeratin 15 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Keratin type I cytoskeletal 15
Gene Name	KRT15
Cellular localization	nucleus,intermediate filament,extracellular exosome,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

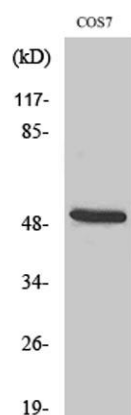
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	3866
Human Swiss-Prot Number	P19012
Alternative Names	KRT15; KRTB; Keratin; type I cytoskeletal 15; Cytokeratin-15; CK-15; Keratin-15; K15

Background

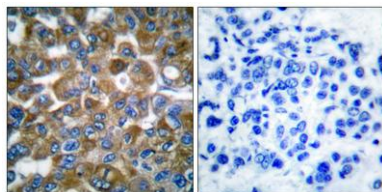
The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2. [provided by RefSeq, Jul 2008],



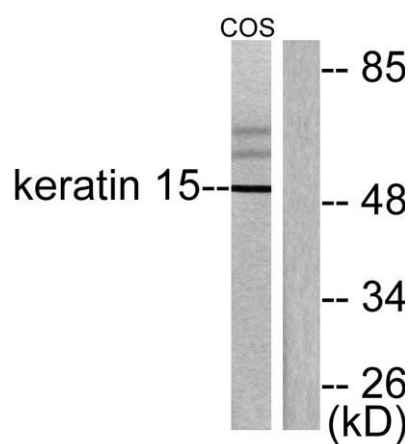
Western Blot analysis of various cells using Cytokeratin 15 Polyclonal Antibody



Western Blot analysis of COS7 cells using Cytokeratin 15 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Keratin 15 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using Keratin 15 Antibody. The lane on the right is blocked with the synthesized peptide.