

Datasheet for ABIN6280214

anti-Cytokeratin 18 antibody (Ser33)



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 10-90, Ser33
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Purpose:	Cytokeratin 18 is a protein encoded by the KRT18 gene which is approximately 48 kDa. Cytokeratin 18 is localised to the cytoplasm and nucleus. It is involved in development Slit-Robo signalling, cytoskeletal signalling, ERK signalling, developmental biology and keratinization. It plays a role in the uptake of thrombin-antithrombin complexes by hepatic cells and when phosphorylated it plays a role in filament reorganization. It is also involved in the delivery of mutated CFTR to the plasma membrane and together with KRT8, is involved in interleukin-6-mediated barrier protection. Cytokeratin 18 is expressed in the colon, placenta and liver. Mutations in the KRT18 gene may result in cirrhosis. STJ92631 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Cytokeratin 18 protein.
Immunogen:	Synthesized peptide derived from human Cytokeratin 18 around the non-phosphorylation site of

Product Details

	S33.
Isotype:	IgG
Specificity:	Cytokeratin 18 Polyclonal Antibody detects endogenous levels of Cytokeratin 18 protein.
Characteristics:	Rabbit polyclonal to Cytokeratin 18.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin 18 (KRT18 Products)
Molecular Weight:	47 kDa
Gene ID:	3875
UniProt:	P05783
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IP 1:200-500 IF 1:200-1:1000 ELISA 1:40000
Comment:	Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.