

## CRBP-III Polyclonal Antibody

<b>Catalog No :</b>	YT1095
<b>Reactivity :</b>	Human
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	CRBP-III
<b>Gene Name :</b>	RBP5
<b>Protein Name :</b>	Retinol-binding protein 5
<b>Human Gene Id :</b>	83758
<b>Human Swiss Prot No :</b>	P82980
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CRBP III. AA range:10-59
<b>Specificity :</b>	CRBP-III Polyclonal Antibody detects endogenous levels of CRBP-III protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	16kD
<b>Background :</b>	retinol binding protein 5(RBP5) Homo sapiens The protein encoded by this gene

is a cellular retinol-binding protein expressed highly in kidney and liver. Down-regulation of the encoded protein in hepatocellular carcinoma was associated with large tumor size and poor patient survival rates. [provided by RefSeq, Jul 2016],

**Function :**

domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,function:Intracellular transport of retinol.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,tissue specificity:Higher expression in adult kidney and liver and to a lesser extent in adult and fetal spleen, adult lymph nodes and appendix, and fetal liver and kidney. Strongly decreased in hepatocellular carcinoma tissues (at protein level).,

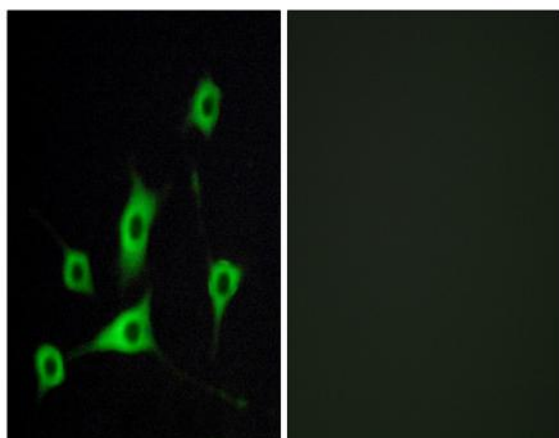
**Subcellular Location :**

Cytoplasm .

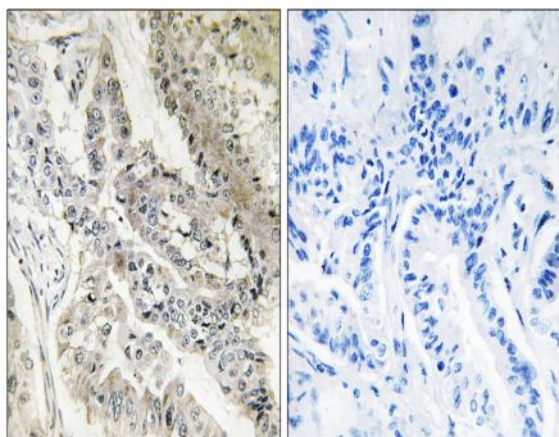
**Expression :**

Higher expression in adult kidney and liver and to a lesser extent in adult and fetal spleen, adult lymph nodes and appendix, and fetal liver and kidney. Strongly decreased in hepatocellular carcinoma tissues (at protein level).

## Products Images



Immunofluorescence analysis of LOVO cells, using CRBP III Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CRBP III Antibody. The picture on the right is blocked with the synthesized peptide.