

DBP Polyclonal Antibody

Catalog No :	YT1297
Reactivity :	Human;Monkey
Applications :	WB;ELISA
Target :	DBP
Gene Name :	GC
Protein Name :	Vitamin D-binding protein
Human Gene Id :	2638
Human Swiss Prot No :	P02774
Mouse Swiss Prot No :	P21614
Immunogen :	Synthesized peptide derived from DBP . at AA range: 90-170
Specificity :	DBP Polyclonal Antibody detects endogenous levels of DBP protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	55kD

Background :

The protein encoded by this gene belongs to the albumin gene family. It is a multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and on the surface of many cell types. It binds to vitamin D and its plasma metabolites and transports them to target tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Feb 2011],

Function :

function:Multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid, and urine and on the surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with membrane-bound immunoglobulin on the surface of B-lymphocytes and with IgG Fc receptor on the membranes of T-lymphocytes.,polymorphism:Over 80 variants of human DBP have been identified. The three most common alleles are called GC*1F, GC*1S, and GC*2. The sequence shown is that of the GC*2 allele.,similarity:Belongs to the ALB/AFP/VDB family.,similarity:Contains 3 albumin domains.,

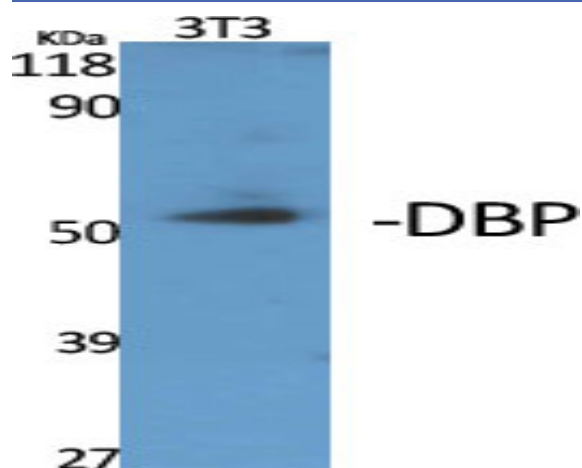
Subcellular Location :

Secreted .

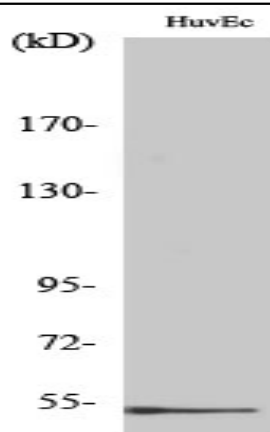
Expression :

Expressed in the liver. Found in plasma, ascites, cerebrospinal fluid and urine.

Products Images



Western Blot analysis of various cells using DBP Polyclonal Antibody



Western Blot analysis of COS7 cells using DBP Polyclonal Antibody