

GAL4 DNA Binding Domain rabbit pAb

Cat No.:ES20743

For research use only

Overview

Product Name	GAL4 DNA Binding Domain rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	
Recommended dilutions	WB: 1:10000-50000
Immunogen	Recombinant Protein of GAL4 DNA Binding Domain
Specificity	The antibody detects endogenous GAL4 DNA Binding Domain 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	
Gene Name	
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	
Human Gene ID	
Human Swiss-Prot Number	
Alternative Names	YM3411
Background	The GAL4 protein of <i>Saccharomyces cerevisiae</i> is one of the most thoroughly characterized transcriptional activators. Since the N-terminal 147 amino acid residues of GAL4 are sufficient to mediate specific and strong binding to DNA, but are incapable of efficient transcriptional activation, this protein fragment has frequently been used to confer specific DNA binding in experiments examining transcriptional activation functions of heterologous proteins. This approach is facilitated by the finding





that higher eukaryotes lack endogenous proteins that enhance transcription from the consensus GAL4-binding site. Fusions between GAL4 (aa 1-147) and activating domains from a variety of transcriptional regulatory proteins can activate transcription in yeast, plant, insects and mammalian cells. A unique "two-hybrid" system has been developed using GAL4 fusions in yeast to identify specific protein-protein interactions.



Western blot analysis of Recombinant BD protein using GAL4 DNA Binding Domain Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

