



REV1 Polyclonal Antibody

Catalog No	YP-Ab-06675
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	REV1 REV1L
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	REV1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AIBP80;DNA repair protein REV1;REV1;REV1 homolog (S. cerevisiae);REV1L; REV1 REV1L;DNA repair protein REV1 (EC 2.7.7.-) (Alpha integrin-binding protein 80) (AIBP80) (Rev1-like terminal deoxycytidyl transferase)
Observed Band	140-150 kDa
Calculated Molecular Weight	1114 aa, 122 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous.
Function	domain:The C-terminal domain is necessary for protein interactions., function:Deoxycytidyl transferase involved in DNA repair. Transfers a dCMP residue from dCTP to the 3'-end of a DNA primer in a template-dependent reaction. May assist in the first step in the bypass of abasic lesions by the insertion of a nucleotide opposite the lesion. Required for normal induction of mutations by physical and chemical agents.,similarity:Belongs to the DNA polymerase type-Y family.,similarity:Contains 1 BRCT domain.,similarity:Contains 1 umuC domain.,subunit:Monomer. Binds MAD2L2, POLH, POLI, POLK and REV3L. May bind ITGA3.,tissue specificity:Ubiquitous.,

Background

This gene encodes a protein with similarity to the *S. cerevisiae* mutagenesis protein Rev1. The Rev1 proteins contain a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. [provided by RefSeq, Mar 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images