



Anti-REV1 (aa 1097-1194) polyclonal antibody (DPAB-DC2176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein with similarity to the <i>S. cerevisiae</i> 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. Two alternatively spliced transcript variants that encode different proteins have been found.
Immunogen	REV1L (NP_057400, 1097 a.a. ~ 1194 a.a) partial recombinant protein with GST tag. The sequence is SPAKTLPGACGSPQKLIDGFLKHEGPPAEKPLEELSASTSGVPGGLSSLQSDPAGCVRPPA PNLAGAVEFNDVKTLREWITTISDPMEEDILQVVKYC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	REV1 REV1, polymerase (DNA directed) [Homo sapiens (human)]
Official Symbol	REV1
Synonyms	REV1; REV1, polymerase (DNA directed); REV1L; DNA repair protein REV1; AIBP80; REV1-like; REV1 homolog; alpha integrin-binding protein 80; rev1-like terminal deoxycytidyl transferase;
Entrez Gene ID	51455
Protein Refseq	NP_001032961
UniProt ID	Q9UBZ9
Chromosome Location	2q11.1-q11.2
Pathway	DNA Damage Bypass; Fanconi anemia pathway; Translesion synthesis by HREV1;
Function	DNA-directed DNA polymerase activity; damaged DNA binding; deoxycytidyl transferase activity; magnesium ion binding