



## 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	REV1L (NP_057400, 1097 a.a. ~ 1194 a.a) partial recombinant protein with GST tag. The sequence is  SPAKTLPGACGSPQKLIDGFLKHEGPPAEKPLEELSASTSGVPGLSSLQSDPAGCVRPPA PNLAGAVEFNDVKTLLREWITTISDPMEEDILQVVKYC
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">REV1 REV1, polymerase (DNA directed) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	REV1
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">51455</a>
<b>Protein Refseq</b>	<a href="#">NP_001032961</a>
<b>UniProt ID</b>	<a href="#">Q9UBZ9</a>
<b>Chromosome Location</b>	2q11.1-q11.2
<b>Pathway</b>	DNA Damage Bypass; Fanconi anemia pathway; Translesion synthesis by HREV1;
<b>Function</b>	DNA-directed DNA polymerase activity; damaged DNA binding; deoxycytidyl transferase activity; magnesium ion binding

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