



Anti-APOBEC1 (aa 137-236) polyclonal antibody (DPAB-DC1644)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the cytidine deaminase enzyme family. The encoded protein forms a multiple-protein editing holoenzyme with APOBEC1 complementation factor (ACF) and APOBEC1 stimulating protein (ASP). This holoenzyme is involved in the editing of C-to-U nucleotide bases in apolipoprotein B and neurofibromatosis-1 mRNAs.
Immunogen	APOBEC1 (NP_001635, 137 a.a. ~ 236 a.a) partial recombinant protein with GST tag. The sequence is SGVTIQIMRASEYYHCWRNMFVNYPPGDEAHWPQYPPLWMMMLYALELHCILSLPPCLKIS RRWQNHLTFFRLHLQNCHYQTIPPHILLATGLIHPSVAWR
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 [APOBEC1 apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 \[Homo sapiens](#)

[\(human\)\]](#)

Official Symbol	APOBEC1
Synonyms	APOBEC1; apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1; BEDP; HEPR; CDAR1; APOBEC-1; C->U-editing enzyme APOBEC-1; apolipoprotein B mRNA-editing enzyme 1; apolipoprotein B mRNA editing enzyme complex-1;
Entrez Gene ID	339
Protein Refseq	NP_001635
UniProt ID	P41238
Chromosome Location	12p13.1
Pathway	Formation of the Editosome; mRNA Editing.
Function	AU-rich element binding; RNA binding; cytidine deaminase activity; protein binding