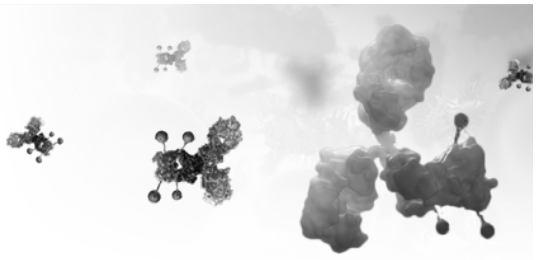

Anti-DST (aa 401-500) polyclonal antibody (DPAB-DC2946)

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 plakin protein family of adhesion junction plaque proteins. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the full-length nature of some variants has not been defined. It has been reported that some isoforms are expressed in neural and muscle tissue, anchoring neural intermediate filaments to the actin cytoskeleton, and some isoforms are expressed in epithelial tissue, anchoring keratin-containing intermediate filaments to hemidesmosomes. Consistent with the expression, mice defective for this gene show skin blistering and neurodegeneration.
Immunogen	DST (NP_899236, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. The sequence is EDKLILAGNALQSDSKRLESGVQFQNEAEIAGYILECENLLRQHVIDVQILIDGKYYQAD QLVQRVAKLRDEIMALRNECSSVYSKGRILTTEQTKLMIS
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

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Gene Name	DST dystonin [Homo sapiens (human)]
Official Symbol	DST
Synonyms	DST; dystonin; DT; BPA; DMH; BP240; BPAG1; EBSB2; HSAN6; MACF2; CATX15; CATX-15; D6S1101; trabeculin-beta; dystonia musculorum protein; bullous pemphigoid antigen 1; hemidesmosomal plaque protein;
Entrez Gene ID	667
Protein Refseq	NP_001138241
UniProt ID	B4DSS9
Chromosome Location	6p12.1
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Cell junction organization; Collagen formation; Type I hemidesmosome assembly.
Function	actin binding; calcium ion binding; integrin binding; microtubule plus-end binding

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