

Product datasheet for **AP54894SU-N**

Diffuse panbronchiolitis critical region protein 1 (DPCR1) (pan) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot: 1/500-1/2000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from Human N-terminal region of Diffuse Panbronchiolitis Critical Region protein 1 (DPCR1)
Specificity:	Reacts with 38 kDa DPCR1 protein.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in 0.2 ml distilled water.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	diffuse panbronchiolitis critical region 1
Database Link:	Entrez Gene 135656 Human Q3MIW9



[View online »](#)

Background:

DPCR1 (diffuse panbronchiolitis critical region 1), also known as PBLT, is a 517 amino acid single-pass type I membrane protein that exists as 2 alternatively spliced isoforms. Expressed in adult small intestine, uterus, esophagus, lung, kidney, testis, rectum, stomach, cervix and skin, DPCR1 has also been observed in fetal kidney, lung and heart. The gene encoding DPCR1 maps to a region on chromosome 6 that is shared by seven other genes, which have been linked to diffuse panbronchiolitis. Chromosome 6 contains 170 million base pairs and comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinson's disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

Synonyms:

C6orf37, PBLT