



Anti-SMG5 polyclonal antibody (DPAB-DC1021)

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

PRODUCT INFORMATION

Antigen Description	SMG5 (SMG5 nonsense mediated mRNA decay factor) is a protein-coding gene. Among its related super-pathways are Metabolism of RNA and Nonsense Mediated Decay Independent of the Exon Junction Complex. GO annotations related to this gene include protein binding and protein phosphatase 2A binding. An important paralog of this gene is SMG7.
Specificity	Specific to recombinant protein GX0766. This antibody detects mSMG5 protein.
Immunogen	Recombinant GST fusion protein corresponding to 178 amino acids of mouse Smg5.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [Smg5 Smg-5 homolog, nonsense mediated mRNA decay factor \(C. elegans\) \[Mus musculus](#)

[\(house mouse\) \]](#)

Official Symbol	SMG5
Synonyms	SMG5; Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans); BC024683; mKIAA1089; protein SMG5; EST1-like protein B;
Entrez Gene ID	229512
Protein Refseq	NP_839977
UniProt ID	Q3UZS1
Chromosome Location	3 F1; 3
Pathway	Gene Expression; Nonsense-Mediated Decay (NMD); mRNA surveillance pathway;
Function	protein phosphatase 2A binding;