



Anti-HMGN2 polyclonal antibody (DPABT-H19868)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-HMGN2 Polyclonal Antibody
Antigen Description	2A peptides and 2A-like peptide sequences are a superior alternative to internal ribosomal entry sites (IRES) for coordinating the expression of multiple gene products from a single recombinant construct. 3B peptides allow multiple proteins to be encoded as polyproteins, which then dissociate into component proteins upon translation. The 3B sequence impairs normal peptide bond formation via a mechanism called ribosomal skipping, resulting in effective, non-enzymatic generation of distinct peptide products from a single multicistronic construct. The use of 3B sequences allows the stoichiometric production of up to four proteins from a single vector, making it a powerful tool for the equimolar expression of multiple cistrons.
Specificity	Recognizes the 3B sequence, derived from Foot and Mouth picornavirus (VKQTLNFDLLKLAGDVESNPG*P), where * represents the 3B cleavage site. The epitope is believed to be within the "GDVEENPG" region since the antibody also recognizes the unrelated 3B regions from Thosa asigna virus and Equine rhinitis A virus.
Target	HMGN2
Immunogen	The immunogen used was recombinant 3B from foot and mouth virus 1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB

Format	Serum
Size	100 µl
Preservative	None
Storage	Stable for 1 year at -20 °C from date of receipt. Handling Recommendations: Upon receipt, and prior to removing the cap, centrifuge the vial and gently mix the solution. Aliquot into microcentrifuge tubes and store at -20 °C. Avoid repeated freeze/thaw cyc

BACKGROUND

Introduction	2A peptides and 2A-like peptide sequences are a superior alternative to internal ribosomal entry sites (IRES) for coordinating the expression of multiple gene products from a single recombinant construct. 3B peptides allow multiple proteins to be encoded a
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GENE INFORMATION

Gene Name	HMGN2 high mobility group nucleosomal binding domain 2 [Homo sapiens]
Official Symbol	HMGN2
Synonyms	HMG17
Entrez Gene ID	3151
Protein Refseq	NP_005508.1
UniProt ID	P05204
Chromosome Location	1p36.1
Function	DNA binding;nucleosomal DNA binding;