



Anti-WFIKKN2 polyclonal antibody [Biotin] (DPABY-502)

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

PRODUCT INFORMATION

Antigen Description	GASPs are secreted proteins that contain WAP, Follistatin/Kazal, Ig-like, two Kunitz and NTR domains. GASP-1 functions as an inhibitory binding protein of some TGF-beta family proteins including GDF-8 and GDF-11. GASPs are predicted to be multivalent protease inhibitors, and GASP-2 has been shown to selectively inhibit trypsin. GASP-1 and -2 are differentially expressed during development and in the adult.
Specificity	Detects human GASP-1/WFIKKNRP in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human GASP-2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human GASP-1/WFIKKNRP. Leu35-His576 Accession Number Q8TEU8
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

Preservative	None
Storage	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	WFIKKN2 WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2 [Homo sapiens (human)]
Official Symbol	WFIKKN2
Synonyms	WFIKKN2; WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2; GASP-1; WFDC20B; hGASP-1; WFIKKNRP; WAP, Kazal, immunoglobulin, Kunitz and NTR domain-containing protein 2; WFIKKN-related protein; WAP four-disulfide core domain 20B;
Entrez Gene ID	124857
Protein Refseq	NP_783165
UniProt ID	Q8TEU8
Chromosome Location	17q21.33
Function	metalloendopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;