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Datasheet for ABIN465279

anti-alpha Defensin 1 antibody (Biotin)

Overview

Quantity:	50 µg
Target:	alpha Defensin 1 (DEFA1)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This alpha Defensin 1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	E.coli derived recombinant Human NP-1.
	Type of Immunogen: Cell extract
Specificity:	Human NP-1
Purification:	Immunoaffinity purified

Target Details

Target:	alpha Defensin 1 (DEFA1)
Alternative Name:	DEFA1 / HP1 (DEFA1 Products)
Background:	Name/Gene ID: DEFA1
	Synonyms: DEFA1, DEFA2, Defensin, alpha 2, HP-1, HP1, Myeloid-related sequence, MRS, DEF1,

Target Details

	Defensin, alpha 1, HNP-1, Neutrophil defensin 1
Gene ID:	1667
UniProt:	P59665
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Approved: ELISA (1 µg/mL), WB (0.1 - 0.2 µg/mL) Usage: ELISA: To detect hNP-1 by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hNP-1. To detect hNP-1 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Human NP-1 (LS-B7416) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hNP-1. Western Blot: To detect hNP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNP-1 is 1.5-3 ng/lane, under either reducing or non-reducing conditions. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile PBS containing 0.1 % BSA
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month

Handling

Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.

Avoid freeze/thaw cycles.