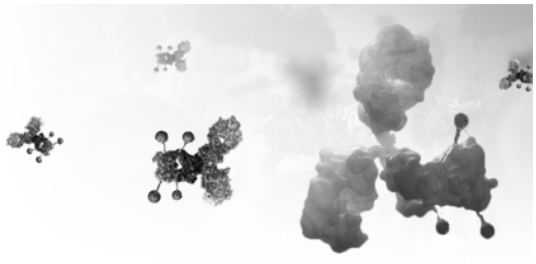

Anti-D-Aspartic Acid polyclonal antibody (DPAB3998)

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

PRODUCT INFORMATION

Product Overview	Rat Anti-D-Aspartic Acid Polyclonal AntibodyRat Anti-D-Aspartic Acid Polyclonal Antibody
Specificity	Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated D-Aspartic acid. This antibody does not recognize free D-Aspartic acid. Using a conjugate D-Aspartic Acid-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:
Immunogen	Synthetic D-Aspartic Acid conjugated to bovine serum albumin
Isotype	IgG
Source/Host	Rat
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	ELISA, IHC, ICC
Format	Lyophilized and reconstituted with deionized water / 50% glycerol
Size	50 µl
Preservative	None
Storage	Store the antibody at 4℃ for one month or -20℃ in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

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BACKGROUND

Introduction	D. Aspartic acid is the D-isomer of aspartic acid also known as aspartate which is one of the 20 natural proteinogenic amino acids, the building blocks of proteins. As its name indicates, aspartic acid is the carboxylic acid analog of asparagine. It is non-essential in mammals, and might serve as an excitatory neurotransmitter in the brain. It is also a metabolite in the urea cycle, and participates in gluconeogenesis
Keywords	D-AMINOSUCCINIC ACID; D-2-AMINOBUTANEDIOIC ACID; D-ASPARAGINIC ACID; D-(-)-ASPARTIC ACID; D-ASPARTIC ACID; D-ASP; (R)-2-AMINOSUCCINIC ACID; (R)-AMINOSUCCINIC ACID; (R)-(-)-ASPARTIC ACID; d-aspartic; d-asparticaci; l-Asparagic acid; (R)-(-)-Aminosuccinic acid(R)-2-Aminosuccinic acid; D0001H-D-Asp-Oh; D-Aspartatic acid; NSC 97922; D-Aspartsure; Aspartic acid, D- (8CI); D-ASPARTIC ACID extrapure; D-Aspartic acid (H-D-Asp-OH)

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