



# Anti-Kynurenic Acid polyclonal antibody (DPAB1732)

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

## PRODUCT INFORMATION

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| <b>Specificity</b>        | Using a Kynurenic acid adsorbed on bovine serum albumin, antibody specificity was performed with an ELISA test by competition experiments with the following compounds : Compounds<br>Cross-reactivity ratio (a) Kynurenic acid-BSA 1 L.Kynurenine-BSA |
| <b>Immunogen</b>          | Synthetic Kynurenic acid conjugated to bovine serum albumin (BSA)  |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | N/A  |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | Optimal dilutions should be determined by each laboratory for each application.  |
| <b>Size</b>               | 100 µl   |
| <b>Preservative</b>       | None   |
| <b>Storage</b>            | 2 to 8°C; Maintain at -70°C for up to 12 months, Avoid repeated freeze/thaw cycle.   |

## BACKGROUND

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| <b>Introduction</b> | Kynurenic acid is a product of the normal metabolism of amino acid L-tryptophan. It is formed from L-kynurenine, a reaction catalyzed by the enzyme kynurenine-oxoglutarate transaminase. It has been shown that kynurenic acid possesses neuroactive activity. It acts as an antiexcitotoxic and anticonvulsant, most likely through acting as an antagonist at excitatory amino acid receptors. Because of this activity, it may influence important neurophysiologic and |
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neuropathologic processes. As a result, kynurenic acid has been considered for use in therapy in certain neurobiological disorders.

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**Keywords**

Kinurenic acid; Kynuronic acid; Quinurenic acid; Transthorine; KYNURENIC ACID; KYNURENIC ACID HYDRATE; 4-HYDROXY-2-QUINOLINECARBOXYLIC ACID N-HYDRATE; 4-HYDROXYQUINOLINE-2-CARBOXYLIC ACID HYDRATE; 2-HYDROXY-4-QUINOLINE CARBOXYLIC ACID HYDRATE; 2-HYDROXY-4-QUINOLINECARBOXYLIC ACID MONOHYDRATE; 2-HYDROXYQUINOLINE 4-CARBOXYLIC ACID HYDRATE

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