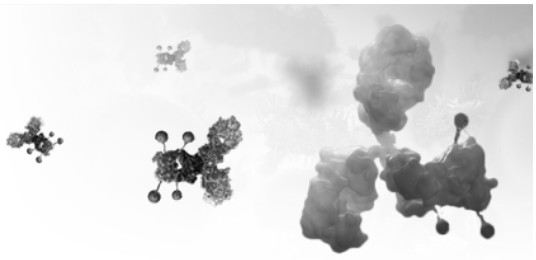

Anti-Serotonin polyclonal antibody (DPBT-66746SS)

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

PRODUCT INFORMATION

Product Overview	Sheep Anti SerotoninSheep Anti Serotonin
Immunogen	Serotonin antibody was raised in sheep using serotonin-Tg as the immunogen.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Serum - liquid
Size	500 µl
Preservative	0.1% Sodium azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted.Avoid repeated freezing and thawing as this may denature the antibody.Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction	Carcinoid tumours are the most commonly occurring endocrine tumours. Although generally found in the gut wall, they also occur in the pancreas, rectum, ovary and lung. Carcinoid

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tumours typically contain numerous membrane-bound neurosecretory granules, which are composed of a variety of hormones and biogenic amines. One of the best characterized of these substances is serotonin. Serotonin is synthesized from its precursor, 5-hydroxytrytophan, by the enzyme aromatic acid decarboxylase. Serotonin is subsequently metabolised by monoamine oxidase to 5- hydroxyindoleacetic acid, which is excreted in the urine. In addition to serotonin, carcinoid tumours have been found to secrete corticotropin, histamine, dopamine, substance P, neurotensin, prostaglandins, and kallikrein. Among endocrine tumours of the gastrointestinal tract, carcinoid tumours arising from the midgut secrete serotonin, while carcinoid tumours arising from the hindgut rarely secrete serotonin.

Keywords Serotonin; 5-hydroxytryptamine; 5HT; 5 HT; 5-HT; 5 hydroxytryptamine; 3-(2-aminoethyl)-1H-indol-5-ol; 3-(2-aminoethyl)-indol-5-o; 3-(beta-aminoethyl)-5-hydroxyindole; 5-hta; 5-hydroxy-3-(beta-aminoethyl)indole; antemoqua; antemovis; dssubstance; enteramine; hippophain; serotonine; substanceds; substanzds; thrombotonin; 3-(2-aminoethyl)-1H-indol-5-ol hydrochloride; 3-(2-Aminoethyl)-5-oxyindole; 3-(2-azanylethyl)-1H-indol-5-ol; 5-Hydroxytryptamine, freebase

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