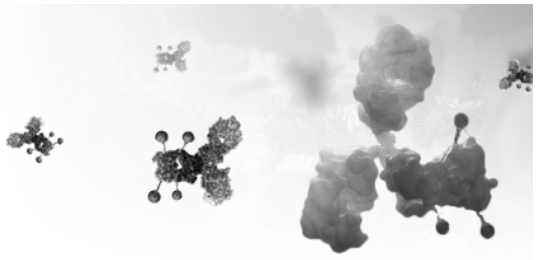

Anti-TYR (aa 300-400) polyclonal antibody (DPABH-02537)

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

PRODUCT INFORMATION

Antigen Description	This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. Catalyzes the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6 quinone.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 300 - 400 of Human Tyrosinase.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	TYR tyrosinase [Homo sapiens]
Official Symbol	TYR
Synonyms	TYR; tyrosinase; ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3; LB24-AB; SK29-AB; monophenol monooxygenase; oculocutaneous albinism IA; tumor rejection antigen AB;
Entrez Gene ID	7299
Protein Refseq	NP_000363.1
UniProt ID	L8B082
Pathway	(S)-reticuline biosynthesis II; Catecholamine biosynthesis, tyrosine => dopamine => noradrenaline => adrenaline; Dopamine metabolism; L-dopachrome biosynthesis
Function	copper ion binding; monophenol monooxygenase activity; protein binding; protein heterodimerization activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221