

## Rabbit Polyclonal Antibody to Thyroid Hormone Receptor ( $\alpha 1/ \alpha 2$ )

<b>Catalog No.:</b>	RP 149, RP 149-05
<b>Applications:</b>	Analyte Specific Reagent. Analytical and Performance characteristics are not established. Optimal working conditions must be determined by the end user.
<b>Immunogen:</b>	A synthetic peptide derived from aa 13-32 of human TR-alpha protein.
<b>Host:</b>	Rabbit
<b>Format:</b>	Purified immunoglobulin fraction of rabbit antiserum against TRs alpha protein containing sodium azide as a preservative.
<b>Specificity:</b>	Thyroid hormone receptors (TRs) are ligand dependent members of the steroid/retinoic acid superfamily of transcription factors. The two genes encoding TRs have been identified to date: TR alpha and TR Beta. They have been mapped to human chromosomes 17 and 3, respectively. TRs bind to thyroid hormone response elements (TREs) with half site binding motifs in the orientation of palindromes, direct repeats, or inverted palindromes. The affinities of binding are both variable and influenced differentially by 3,5,3'-triiodo-L-thyronine (T-3). This antibody cross reacts with mouse, rat, and pig.
<b>Positive Control:</b>	Colon carcinoma
<b>Cellular Localization:</b>	Nuclear
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

### ASR: Analyte Specific Reagent

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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