

## TRH, Human, Ovine, Porcine, Rat

| Catalog #                     | Source  | Reactivity | Applications |
|-------------------------------|---|------------|--------------|
| CCP1453                       | Synthetic   |            |              |
| <b>Description</b>            | Peptide to TRH, Human, Ovine, Porcine, Rat  |            |              |
| <b>Biological Description</b> | TRH exhibits a variety of biological effects, when injected into humans or animals. Its physiological role appears to be the stimulation of thyrotropin (TSH) and prolactin (PRL) release from the anterior pituitary. Though it was first identified in the hy |            |              |
| <b>Form</b>                   | Lyophilized powder  |            |              |
| <b>CAS Number</b>             | 24305-27-9  |            |              |
| <b>Molecular Formula</b>      | C16H23N6O4  |            |              |
| <b>Molecular Weight</b>       | 363.4   |            |              |
| <b>Purity</b>                 | > 95%   |            |              |
| <b>Chemical Structure</b>     | H - pGlu - His - Pro - NH <sub>2</sub>  |            |              |
| <b>Storage/Stability</b>      | Shipped at 4°C. Store at -20°C for one year.  |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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