Product datasheet

Anti-Parathyroid Hormone antibody ab40630

1 References  1 Image

Overview

Product name  Anti-Parathyroid Hormone antibody
Description  Rabbit polyclonal to Parathyroid Hormone
Host species  Rabbit
Tested applications  Suitable for: ELISA, WB, RIA, ICC, IHC-FoFr
Species reactivity  Reacts with: Human
Predicted to work with: Cynomolgus monkey
Immunogen  Synthetic peptide corresponding to Human Parathyroid Hormone aa 32-65.
Sequence:
SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNF
Database link: P01270

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer  Constituents: 0.01% BSA, PBS
Purity  Whole antiserum
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab40630 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tr>
<td>ELISA</td>
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<td>Use at an assay dependent concentration.</td>
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Function
PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion. Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells.

Involvement in disease
Defects in PTH are a cause of familial isolated hypoparathyroidism (FIH) [MIM:146200]; also called autosomal dominant hypoparathyroidism or autosomal dominant hypocalcemia. FIH is characterized by hypocalcemia and hyperphosphatemia due to inadequate secretion of parathyroid hormone. Symptoms are seizures, tetany and cramps. FIH exist both as autosomal dominant and recessive forms of hypoparathyroidism.

Sequence similarities
Belongs to the parathyroid hormone family.

Cellular localization
Secreted.

Images

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