

GH2 Polyclonal Antibody

Catalog Number:E-AB-11266

Note: Centrifuge before opening to ensure complete recovery of vial contents.

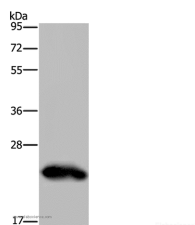
Description

| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | Recombinant protein of human GH2 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

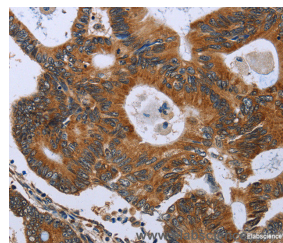
Applications Recommended Dilution

| | |
|------------|--------------|
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |

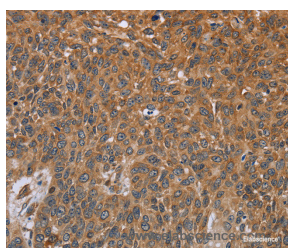
Data



Western Blot analysis of Human placenta tissue using
GH2 Polyclonal Antibody at dilution of 1:500
Calculated Mw:25kDa



Immunohistochemistry of paraffin-embedded
Human colon cancer using GH2 Polyclonal Antibody
at dilution of 1:40



Immunohistochemistry of paraffin-embedded
Human lung cancer using GH2 Polyclonal Antibody
at dilution of 1:40

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity.

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Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization.

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