Cytochrome b5 Polyclonal Antibody

catalog number: **E-AB-11133**

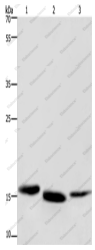
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human CYB5A
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

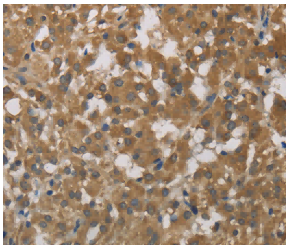
Applications	Recommended Dilution
WB	1:200-1:1000
IHC	1:50-1:200

Data

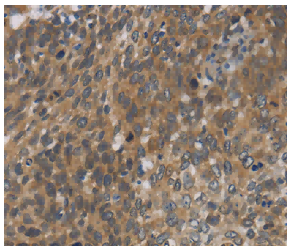


Western Blot analysis of Human kidney cancer, Mouse liver and Human bladder carcinoma tissue using Cytochrome b5 Polyclonal Antibody at dilution of 1:300

Calculated-MW: 15 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using Cytochrome b5 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human cervical cancer using Cytochrome b5 Polyclonal Antibody at dilution of 1:40

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity.Defects in this gene are a cause of type IV hereditary methemoglobinemia.Three transcript variants encoding different isoforms have been found for this gene .

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