

Recombinant HES5 Monoclonal Antibody

catalog number: **AN301858L**

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

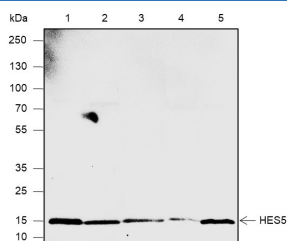
Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human HES5 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A570
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:10000-1:50000
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Data



Western Blot with HES5 Monoclonal Antibody at dilution of 1:50000. Lane 1: Human kidney cancer, Lane 2: Human liver, Lane 3: Human lung, Lane 4: Mouse liver, Lane 5: Rat liver

Observed-MW:15 kDa

Calculated-MW:18 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

HES5, also known as bHLHb38, has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG). HES5 is expressed in fetal heart and brain tumors. HES5 as a transcriptional repressor of genes that require a bHLH protein for their transcription and plays an important role as neurogenesis negative regulator.

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