

Datasheet for ABIN453369

anti-SERPING1 antibody (Middle Region)

1 Image



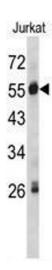
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| Overview | | |
|----------------------|--|--|
| Quantity: | 0.4 mL | |
| Target: | SERPING1 | |
| Binding Specificity: | Middle Region | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This SERPING1 antibody is un-conjugated | |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) | |
| Product Details | | |
| Immunogen: | KLH conjugated synthetic peptide selected from the Center region of human SERPING1 | |
| Specificity: | This antibody reacts to SERPING1. | |
| Purification: | Saturated Ammonium Sulfate (SAS) precipitation | |
| Target Details | | |
| Target: | SERPING1 | |
| Alternative Name: | SERPING1 / C1 Inhibitor (SERPING1 Products) | |
| Background: | SERPING1 is a highly glycosylated plasma protein involved in the regulation of the complement | |
| | cascade. This protein inhibits activated C1r and C1s of the first complement component and | |
| | thus regulates complement activation. Deficiency of this protein is associated with hereditary | |
| | angioneurotic oedema (HANE). Synonyms: C1 Inh, C1 esterase inhibitor, C1-inhibiting factor, | |
| | | |

Target Details

| Target Details | | |
|---------------------|---|--|
| | C1IN, C1Inh, C1NH, Plasma protease C1 inhibitor | |
| Gene ID: | 710 | |
| NCBI Accession: | NP_000053 | |
| UniProt: | P05155 | |
| Pathways: | Complement System | |
| Application Details | | |
| Application Notes: | ELISA: 1/1,000. Western blotting: 1/50 - 1/100. | |
| | Other applications not tested. | |
| | Optimal dilutions are dependent on conditions and should be determined by the user. | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 0.25 mg/mL | |
| Buffer: | PBS with 0.09 % (W/V) sodium azide | |
| Preservative: | Sodium azide | |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which | |
| | should be handled by trained staff only. | |
| Handling Advice: | Avoid repeated freezing and thawing. | |
| Storage: | 4 °C/-20 °C | |
| Storage Comment: | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. | |



Western Blotting

Image 1. Western blot analysis of SERPING1 antibody (Center) in Jurkat cell line lysates (35ug/lane). SERPING1 (arrow) was detected using the purified Pab.