

## CD133 Polyclonal Antibody

Cat No: HR1AP5033

For research use only

### Overview

|                       |  |
|-----------------------|--|
| Product Name          | CD133 Polyclonal Antibody  |
| Source                | Rabbit   |
| Applications          | WB,IHC-p,ELISA   |
| Species Reactivity    | Human,Mouse  |
| Recommended Dilutions |  |
| Immunogen             |  |
| Species               | Rabbit   |
| Storage               | -20°C/1 year   |
| Isotype               |  |
| Clonality             |  |
| Concentration         | 1 mg/ml  |
| Observed band         | 100kDa   |
| GeneID?Human?         | PROM1  |
| Human Swiss-Prot No.  |  |
| Cellular localization |  |
| Alternative Names     | PROM1; Prominin-1; Antigen AC133; Prominin-like protein 1; CD133   |
| Background            | <p>prominin 1 (PROM1) Homo sapiens This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],</p> |