

Product datasheet for **TA327092**

ABO Rabbit Polyclonal Antibody

Product data:

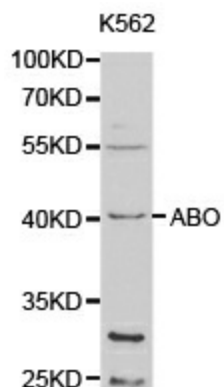
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB 1:500 - 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant protein of human ABO |
| Formulation: | Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3 |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase) |
| Database Link: | NP_065202 Entrez Gene 80908 MouseEntrez Gene 100301568 RatEntrez Gene 28 Human P16442 |
| Background: | This gene encodes proteins related to the first discovered blood group system, ABO. Which allele is present in an individual determines the blood group. The O blood group is caused by a deletion of guanine-258 near the N-terminus of the protein which results in a frameshift and translation of an almost entirely different protein. Individuals with the A, B, and AB alleles express glycosyltransferase activities that convert the H antigen into the A or B antigen. Other minor alleles have been found for this gene. [provided by RefSeq, Jul 2008] |
| Synonyms: | A3GALNT; A3GALT1; GTB; NAGAT |
| Protein Families: | Secreted Protein, Transmembrane |



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Protein Pathways: Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

Product images:



Western blot analysis of extracts of K562 cell lines, using ABO antibody.