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# Product datasheet for TA370363

## ADH5 Rabbit Polyclonal Antibody

## Product data:

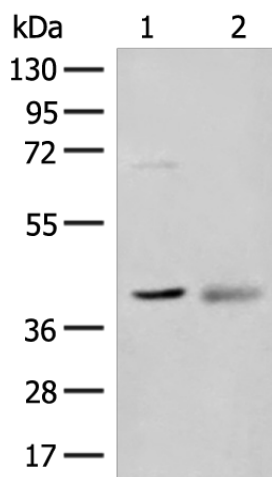| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB: 500-2000<br>WB positive control: Mouse kidney tissue and Human fetal brain tissue lysates |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Fusion protein of human ADH5 |
| **Formulation:** | pH7.4 PBS, 0.05% NaN3, 40% Glycerol |
| **Concentration:** | lot specific |
| **Purification:** | Antigen affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C. |
| **Stability:** | 1 year |
| **Predicted Protein Size:** | 40 kDa |
| **Gene Name:** | alcohol dehydrogenase 5 (class III), chi polypeptide |
| **Database Link:** | Entrez Gene 128 Human<br>P11766 |
| **Background:** | This gene encodes a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The encoded protein forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct between formaldehyde and glutathione. This enzyme is an important component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensitizing agent that causes lacrymation, rhinitis, pharyngitis, and contact dermatitis. The human genome contains several non-transcribed pseudogenes related to this gene. |

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**Synonyms:**　　　　　ADH-3; ADHX; FALDH; FDH; GSH-FDH; GSNOR

## Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane 1-2: Mouse kidney tissue and Human fetal brain tissue lysates
Primary antibody: TA370363 (ADH5 Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds