

Product datasheet for **TA360261**

AKR7A2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human AKR7A2
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	40 kDa
Gene Name:	aldo-keto reductase family 7, member A2
Database Link:	NP_003680.2 Entrez Gene 8574 Human O43488
Background:	The protein encoded by this gene belongs to the aldo/keto reductase (AKR) superfamily and AKR7 family, which are involved in the detoxification of aldehydes and ketones. The AKR7 family consists of 3 genes that are present in a cluster on the p arm of chromosome 1. This protein, thought to be localized in the golgi, catalyzes the NADPH-dependent reduction of succinic semialdehyde to the endogenous neuromodulator, gamma-hydroxybutyrate. It may also function as a detoxication enzyme in the reduction of aflatoxin B1 and 2-carboxybenzaldehyde.

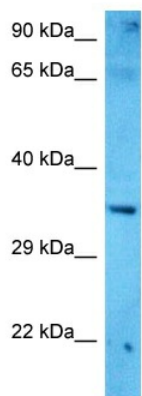


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Synonyms: AFAR; AFAR1; AFB1-AR1; AKR7

Protein Families: Druggable Genome

Product images:



Host: Rabbit
Target Name: AKR7A2
Sample Type: 721_B Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: AKR7A2
Sample Tissue: Human 721_B Whole Cell
Antibody Dilution: 1.0 μ g/ml