

ARG63784 anti-GST3 / GST pi antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GST3 / GST pi
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GST3 / GST pi
Species	Human
Immunogen	C-LADQGQSWKEEV
Conjugation	Un-conjugated
Alternate Names	DFN7; EC 2.5.1.18; GST3; GSTP; GSTP1-1; HEL-S-22; FAES3; GST class-pi; PI; Glutathione S-transferase P

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

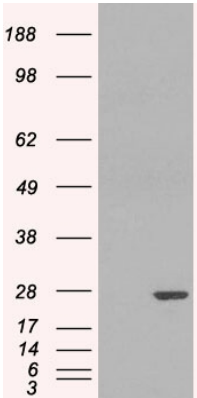
Note	For laboratory research only, not for drug, diagnostic or other use.
<div>Bioinformation</div>	
Database links	GeneID: 2950 Human Swiss-port # P09211 Human
Background	<p>Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq, Jul 2008]</p>
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	23 kDa

Images



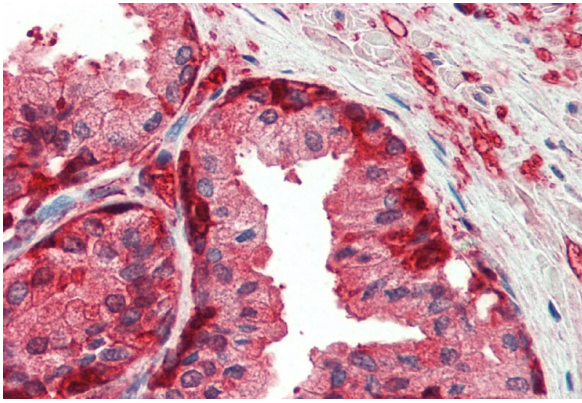
ARG63784 anti-GST3 / GST pi antibody WB image

Western blot: 35 µg of human kidney lysate stained with ARG63784 anti-GST3 / GST pi antibody at 0.01 µg/ml dilution.



ARG63784 anti-GST3 / GST pi antibody WB image

Western blot: 1) Mock transfection and 2) GSTP1 expressing plasmid transfected HEK293 cell lysate stained with ARG63784 anti-GST3 / GST pi antibody.



ARG63784 anti-GST3 / GST pi antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63784 anti-GST3 / GST pi antibody at 5 µg/ml dilution followed by AP-staining.