

Datasheet for ABIN631150 **anti-GSTA4 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	GSTA4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTA4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GSTA4 antibody was raised using the C terminal of GSTA4 corresponding to a region with amino acids LSAFPFLQEYTVKLSNIPTIKRFLEPGSKKKPPPDEIYVRTVYNIFRP
Specificity:	GSTA4 antibody was raised against the C terminal of GSTA4
Purification:	Affinity purified

Target Details

Target:	GSTA4
Alternative Name:	GSTA4 (GSTA4 Products)
Background:	GSTA4 is a glutathione S-transferase belonging to the alpha class. The alpha class genes, which are located in a cluster on chromosome 6, are highly related and encode enzymes with glutathione peroxidase activity that function in the detoxification of lipid peroxidation products.

Target Details

Reactive electrophiles produced by oxidative metabolism have been linked to a number of degenerative diseases including Parkinson's disease, Alzheimer's disease, cataract formation, and atherosclerosis.

Molecular Weight: 26 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: GSTA4 Blocking Peptide, catalog no. 33R-5405, is also available for use as a blocking control in assays to test for specificity of this GSTA4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GSTA4 antibody in PBS

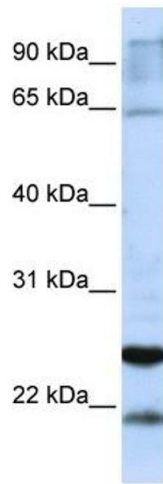
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. GSTA4 antibody used at 1 ug/ml to detect target protein.