Datasheet for ABIN7101718
anti-GSTO1 antibody

1	Image

Overview

Quantity:	20 µL
Target:	GSTO1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GSTO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human GSTO1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	GSTO1
Alternative Name:	GSTO1 (GSTO1 Products)
Background:	The protein encoded by this gene is an omega class glutathione S-transferase (GST) with glutathione-dependent thiol transferase and dehydroascorbate reductase activities. GSTs are

Target Details

involved in the metabolism of xenobiotics and carcinogens. The encoded protein acts as a homodimer and is found in the cytoplasm. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010],GSTO 1-1, GSTTLp28, HEL-S-21, P28, SPG-R,GSTO1

Molecular Weight:	28 kDa
Gene ID:	9446
UniProt:	P78417
Pathways:	Myometrial Relaxation and Contraction, Negative Regulation of Transporter Activity

Application Details

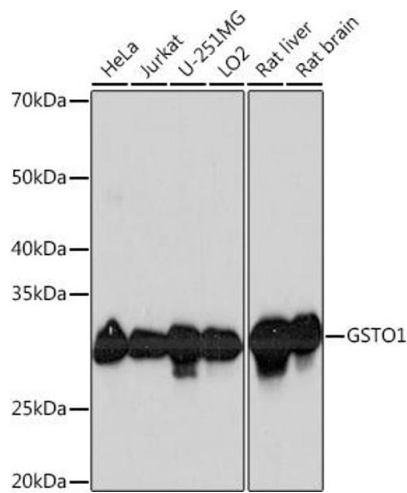|	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GSTO1 Rabbit mAb (ABIN1679548, ABIN7101718, ABIN7101719 and ABIN7101720) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.