

Anti-CBS Antibody (9X903)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 61 kDa. Actual: 59 kDa.
Clone:	9X903
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">25 µg total protein per lane of various lysates (see on figure) probed with CBS monoclonal antibody, unconjugated (TMAB-03718) at 1: 2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CBS Monoclonal Antibody, Unconjugated (TMAB-03718) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CBS Monoclonal Antibody, Unconjugated (TMAB-03718) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.(Negative control) Paraformaldehyde-fixed, paraffin embedded Human Skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CBS Monoclonal Antibody, Unconjugated (TMAB-03718) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF
Recommended	WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; ICC/IF: 1:50-200; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human CBS
Antigen Species:	Human
Gene ID:	875
Uniprot ID:	P35520

Research Background

Only known pyridoxal phosphate-dependent enzyme that contains heme. Important regulator of hydrogen sulfide, especially in the brain, utilizing cysteine instead of serine to catalyze the formation of hydrogen sulfide. Hydrogen

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sulfide is a gastratransmitter with signaling and cytoprotective effects such as acting as a neuromodulator in the brain to protect neurons against hypoxic injury.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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