bs-17724R **[Primary Antibody]**

MOSC1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 64757 **SWISS:** Q5VT66

Target: MOSC1

Immunogen: KLH conjugated synthetic peptide derived from human MOSC1: 231-337/337.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: MOSC1 is a 337 amino acid mitochondrial protein that is thought to function as an oxidoreductase. Existing as three alternatively spliced isoforms, MOSC1 contains one MOSC domain and binds molybdenum as a cofactor. The gene encoding MOSC1 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

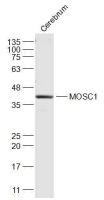
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Horse)

Predicted MW.: 37 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-MOSC1 (bs-17724R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 37 kD