

ARSD polyclonal antibody

Catalog: BS60837

Host: Rabbit

Reactivity: Human, Mouse

Background:

Arylsulfatase D, also known as ARSD, is a 593 amino acid protein that localizes to the lysosome and belongs to the sulfatase family of bone and cartilage matrix proteins. Existing as three alternatively spliced isoforms which are expressed in liver, pancreas, kidney, heart, brain, lung and placenta, Arylsulfatase D uses calcium as a cofactor to catalyze reactions that are important in maintaining correct bone composition. The gene encoding Arylsulfatase D maps to human chromosome X, which contains nearly 153 million base pairs and houses over 1,000 genes. In conjunction with chromosome Y, chromosome X is responsible for sex determination. There are a number of conditions related to an abnormal number and combination of sex chromosomes, some of which include Turner's syndrome, color blindness, hemophilia and Duchenne muscular dystrophy.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 42 kDa

Swiss-Prot:

P51689

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

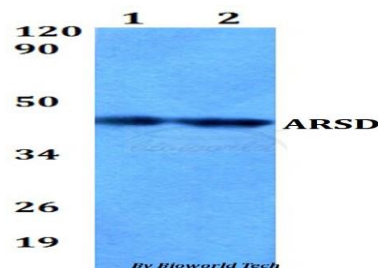
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ARSD polyclonal antibody detects endogenous levels of ARSD protein.

DATA:



Western blot (WB) analysis of ARSD polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:sp2/0 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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